

1992

Census of Agriculture



AC92-R-9

Guide to the 1992 Census of Agriculture and Related Statistics



U.S. Department of Commerce
Economics and Statistics Administration
BUREAU OF THE CENSUS

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This guide was prepared by **Michael A. Hovland**, under the general supervision of **Frederick G. Bohme**, Chief, History Branch, Data User Services Division.

Technical review and consultation were provided by Census Bureau staff members concerned with the agriculture and economic censuses and surveys, including **Paul T. Zeisset**, Statistician, Economic Census and Surveys Division, and **Douglas J. Miller**, Chief, Data Requirements and Outreach Branch, Agriculture Division.

The staff of the Administrative and Publications Services Division, **Walter C. Odom**, Chief, performed publication planning, design, composition, editorial review, and printing planning and procurement.



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U.S. Department of Commerce
Ronald H. Brown, Secretary

Economics and Statistics Administration
Paul A. London, Acting Under Secretary
for Economic Affairs

BUREAU OF THE CENSUS
Harry A. Scarr, Acting Director



**Economics and Statistics
Administration**

Paul A. London, Acting Under
Secretary for Economic Affairs



BUREAU OF THE CENSUS

Harry A. Scarr, Acting Director

Charles A. Waite, Associate Director for
Economic Programs

Thomas L. Mesenbourg, Assistant Director for
Economic Programs

ECONOMIC CENSUS AND SURVEYS DIVISION

Thomas L. Mesenbourg, Acting Chief

AGRICULTURE DIVISION

Charles P. Pautler, Jr., Acting Chief

DATA USER SERVICES DIVISION

Marshall L. Turner, Jr., Chief

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Chapter 1.

General Information

INTRODUCTION

The Bureau of the Census conducts a census of agriculture every 5 years. This program is the only source of statistics on American agriculture showing comparable figures county by county and classifying farms by size, tenure, type of organization, principal occupation and age of operator, market value of agricultural products sold, combined government payments and market value of agricultural products sold, and Standard Industrial Classification (SIC) code.

Agriculture census data are routinely used by the Administration; Congress; Federal, State, and local government organizations; the business community; scientific and educational institutions; and farmer organizations.

- Federal Government agencies use data on production, sales, and size and type of farm from the census in calculating such economic measures as the gross domestic product (GDP), farm income estimates, and indexes of productivity and price levels.
- The U.S. Department of Agriculture employs agriculture census statistics to develop benchmarks and comparisons for many of its periodic estimates and projections.
- Administrative and legislative bodies at all levels of government use the census data in planning farm and rural programs and analyzing the results of such programs.
- The private sector—businesses, farm cooperatives, commodity and trade associations—relies on agriculture census data in developing plans for locating new plants, service outlets, and sales and distribution facilities, as well as for allocating research resources, forecasting markets, selecting marketing areas, and for other activities that provide better services to the farm community.
- Farm and agriculture-oriented magazines and news media use census results as technical background for stories and feature articles, to determine their share of the market, and to identify the types of farms they reach.

The 1992 Census of Agriculture program consisted of three major activities:

The 1992 Census of Agriculture in the 50 States

The 1992 Census of Agriculture for Puerto Rico, Guam, and the U.S. Virgin Islands

The 1994 Farm and Ranch Irrigation Survey

LEGAL AUTHORITY AND CONFIDENTIALITY

The Bureau of the Census, an agency of the U.S. Department of Commerce, carries out the agriculture census. Title 13, United States Code—Census, governs the Bureau's operations and establishes the censuses that must be conducted, the intervals between them, and certain administrative procedures, and also describes the duties of specified officials. Chapter 5 (Censuses) of Title 13 requires a census of agriculture in 1988 and every fifth year thereafter (each census to collect data on agriculture production, sales, and so on for the *previous* year), and establishes the geographic scope of the census and any associated surveys. Other chapters of the title impose joint responsibilities on the Census Bureau and respondents regarding data collection, and specify penalties for non-compliance. The law requires respondents to supply the information requested, and the Bureau to maintain the confidentiality of the data it receives. No data collected in the census or its associated surveys may be published that can be used to identify an individual person or a specific agricultural operation, nor may the data from any respondent be used for any but statistical purposes. Only sworn officials or employees of the Department of Commerce may have access to the individual census records.

HISTORICAL BACKGROUND

The first attempt to collect information on agricultural activity in the United States was in the Third Decennial Census, in 1810, which included an item asking whether the respondent was engaged in agriculture (or several other specified types of economic activity). However, the first agricultural enumeration was carried out in 1840, as part of the Sixth Decennial Census of the inhabitants of the United States. Thereafter, the agriculture census remained part of the decennial census operation through 1950, while separate censuses of agriculture also were conducted in 1925, 1935, and 1945 (the last as a sample survey). From 1954 through 1974, agricultural data were collected on a 5-year cycle, for years ending in "4" and "9," but in 1976, Congress directed the Bureau to adjust the data reference year to coincide with the economic censuses. Once this was done, the agriculture census covered years ending in "2" and "7." The 1992 enumeration is the 24th U.S. census of agriculture.

Until the introduction by the Census Bureau of mailout/mailback enumeration in the 1969 census, agricultural enumerations involved personal-visit interviewing by a field

staff numbering several thousand persons. Since 1969, the census has been carried out primarily by mail in the 50 States, although the personal-interview field enumeration continues to be used in the U.S. Virgin Islands, Guam, and in part of Puerto Rico. (The Bureau also uses field enumeration in the censuses of agriculture in American Samoa and the Northern Mariana Islands, which are carried out every 10 years as part of the decennial census, with the data processed and published in the corresponding agriculture census report series (e.g., the 1990 agriculture data for these areas were published as part of the 1987 Census of Agriculture Volume 1, *Geographic Area Series* reports).)

THE 1992 CENSUS OF AGRICULTURE FOR THE 50 STATES

Scope and Content

The 1992 Census of Agriculture collected and published statistical data for all agricultural operations meeting the Census farm definition in the 50 States. The Bureau requested certain basic data from all agricultural operations, while selected information was asked of a sample of approximately 25 percent of farms. All agricultural operators were asked for information on:

Acreage

Crops, including fruits and nuts, vegetables, and nursery and greenhouse products

Gross value of sales

Land use

Irrigation

Land in government programs

Livestock and poultry

Animal specialties

Amount received from Government Commodity Credit Corporation (CCC) loans

Payments received for participation in Federal farm programs

Direct sales of commodities to consumers

Type of organization, including corporate structure

Number of hired workers Injuries and deaths

Characteristics and occupation of operator, including year operator began operating farm

The Bureau asked an approximate 25-percent sample of operators (i.e., all those with expected annual sales of agricultural products above a specified value together with

a random sample of all other farms) for additional data. The sample was small enough to hold respondent burden within reasonable levels, while providing reliable county-level estimates for:

Use of fertilizers and chemicals

Total production expenses, including interest expense for secured and unsecured loans

Machinery and equipment (inventory and value)

Market value of land and buildings

Income from farm-related sources

Reference Dates

The 1992 census requested inventory data as of December 31, 1992, and other statistics (except for a few crops, such as citrus, for which data were collected for the production year) for the calendar year 1992.

Farm Definition

For census purposes, the Bureau defined a farm as any place from which \$1,000 or more of agricultural products were produced and sold, or normally would have been sold, during the census year.

General Procedures

The 1992 census, like its predecessors from 1969, was a mail enumeration. In December 1992 the Census Bureau mailed report forms to the names and addresses assembled in an agriculture census mail list, with a cover letter asking recipients to complete the report form(s) and mail them back to the Bureau. Mail and telephone followup to non-respondents continued over a period of 6 months after the initial mailing.

The staff reviewed report forms as respondents returned them, and transferred the data to computer tape for editing. As the Bureau "closed out" collection in each State or area (i.e., once an acceptable overall response level had been achieved), it tabulated the data with estimates for operations that did not respond, and prepared the data publication for that State or area.

Geographic Area Detail

The 1992 Census of Agriculture provided data for the United States, each of the 50 States, and for over 3,000 counties or their equivalents. In addition, selected data were tabulated and published at the five-digit ZIP Code level. The United States is the 50 States and the District of Columbia (the 1992 agriculture census did not publish a separate report for the latter), while "county equivalents" include the parishes in Louisiana and the "census areas" in Alaska. State totals are aggregates of the county or county-equivalent totals, while the national ones are aggregates of the State counts.

THE 1994 FARM AND RANCH IRRIGATION SURVEY

This survey was the only follow-on operation provided for in the 1992 agriculture census program. It supplemented the basic irrigation data collected from all farm operators in the 1992 census. The survey used a sample of operations from the 1992 census that reported using irrigation during the reference year to obtain detailed data about irrigation practices without increasing the response burden on all farmers. The survey requested information on:

- Irrigated acreage
- Crops—acres, yield, and quantity of water applied
- Methods of on-farm water distribution
- Source of water
- Number of wells
- Energy use
- Irrigation maintenance costs
- Irrigation practices

Data from the survey will be published in mid-1996 for the 48 conterminous States; for the 27 States that account for 98 percent of all irrigation, including the 17 Western States; and for the 18 water resources regions (WRR's).

THE 1992 CENSUS OF AGRICULTURE FOR PUERTO RICO AND THE OUTLYING AREAS

General Information

Legal authority. Puerto Rico, Guam, and the U.S. Virgin Islands were included in the 1992 census program under authority granted by Title 13, United States Code—Census, Section 191, and, for Puerto Rico, also by appropriate acts of the Commonwealth's legislature.

Farm definition. The farm definitions for the 1992 agriculture census in Puerto Rico and the outlying areas were based on value of sales during the reference period. In Puerto Rico, a place qualified as a farm if it had, or normally would have had, \$500 or more in sales of agricultural products in the 12 months between July 1, 1992 and June 30, 1993. For Guam and the U.S. Virgin Islands, the census defined a farm as any place that had, or normally would have had, \$100 in sales of agricultural products during the census year.

Reference periods. Production and sales data for Puerto Rico, Guam, and the U.S. Virgin Islands were requested for the 12 months preceding the enumeration, with inventory data as of the date of enumeration.

Geographic detail. The agriculture census publication program includes separate reports for Puerto Rico and each of the outlying areas. In addition to the "area" data, each report has tabulations at specified geographic detail. For Puerto Rico, data are published for the Commonwealth and for each municipio, while the U.S. Virgin Islands report includes tabulations for the island of St. Croix, and for St. Thomas and St. John (combined). The Guam report shows data for the island and for election districts.

General Procedures

The agriculture census in Puerto Rico was conducted by mail for the first time in 1992. The Bureau mailed questionnaires to farms with sales of \$2,500 or more reported in the 1987 census (about half of all farms in the Commonwealth), and requested respondents to complete the forms and mail them back to the Data Preparation Division's (DPD's) processing office in Jeffersonville, IN. A field interview staff enumerated an area sample of the remaining farms. The Bureau employed field enumeration for all data collection on Guam and in the Virgin Islands. Enumerators were given lists of known farm operations to canvass, and were instructed to identify any farms not on these lists and canvass them as well and update the lists.

The general processing for all three areas was done in Jeffersonville following procedures similar to those used in the agriculture census for the 50 States. The agriculture census in the Virgin Islands began in May 1993, while data collection in Puerto Rico and on Guam started in July. The Bureau carried out the agriculture and economic censuses for Guam and the Virgin Islands concurrently, while the agriculture census in Puerto Rico began shortly after the completion of the economic census for the Commonwealth.

THE STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODE SYSTEM

The Standard Industrial Classification (SIC) system classifies economic activities down to the establishment¹ level, including those involved in agricultural production. The agriculture census publications include tabulations based on the SIC code for the agricultural operations enumerated. The coding system itself assigns numeric codes to specific economic activities, with the focus of each successive code becoming more precise with each additional digit, from a two-digit *major group* to the most detailed level, the seven-digit *product category*. The agriculture census enumerates operations classified in SIC *major groups* 01 (agricultural production—crops) and 02 (agricultural production—livestock and animal specialties). Adding a digit to the two-digit major group code gives the SIC

¹An establishment is an economic unit that produces goods or services—e.g., a farm, factory, or store. In most cases, an establishment is at a single physical location and is engaged in one, or predominantly one, type of economic activity. An establishment is not necessarily identical with a company or enterprise.

Standard Industrial Classification (SIC) Major Group and Industry Codes Used In Agriculture Census Products

Major Group 01.—Agricultural Production—Crops

- 011 *Cash Grains*
 - 0111 Wheat
 - 0112 Rice
 - 0115 Corn
 - 0116 Soybeans
 - 0119 Cash Grains, Not Elsewhere Classified
- 013 *Field Crops, Except Cash Grains*
 - 0131 Cotton
 - 0132 Tobacco
 - 0133 Sugarcane and Sugar Beets
 - 0134 Irish Potatoes
 - 0139 Field Crops, Except Cash Grains,
Not Elsewhere Classified
- 016 *Vegetables and Melons*
 - 0161 Vegetables and Melons
- 017 *Fruits and Tree Nuts*
 - 0171 Berry Crops
 - 0172 Grapes
 - 0173 Tree Nuts
 - 0174 Citrus Fruits
 - 0175 Deciduous Tree Fruits
 - 0179 Fruits and Tree Nuts,
Not Elsewhere Classified
- 018 *Horticultural Specialties*
 - 0181 Ornamental Floriculture and Nursery
Products
 - 0182 Food Crops Grown Under Cover
- 019 *General Farms, Primarily Crop*
 - 0191 General Farms, Primarily Crop

Major Group 02.—Agricultural Production—Livestock and Animal Specialties

- 021 *Livestock, Except Dairy and Poultry*
 - 0211 Beef Cattle Feedlots
 - 0212 Beef Cattle, Except Feedlots
 - 0213 Hogs
 - 0214 Sheep and Goats
 - 0219 General Livestock, Except Dairy and Poultry
- 024 *Dairy Farms*
 - 0241 Dairy Farms
- 025 *Poultry and Eggs*
 - 0251 Broiler, Fryer, and Roaster Chickens
 - 0252 Chicken Eggs
 - 0253 Turkeys and Turkey Eggs
 - 0254 Poultry Hatcheries
 - 0259 Poultry and Eggs, Not Elsewhere Classified
- 027 *Animal Specialties*
 - 0271 Fur-Bearing Animals and Rabbits
 - 0272 Horses and Other Equines
 - 0273 Animal Aquaculture
 - 0279 Animal Specialties, Not Elsewhere Classified
- 029 *General Farms, Primarily Livestock and
Animal Specialties*
 - 0291 General Farms, Primarily Livestock and
Animal Specialties

group code. Group 021, for example, covers livestock, except dairy and poultry. Adding a fourth digit creates the *industry* code, which identifies the particular kind of livestock operation—0211, for example, is beef cattle feedlots—that represents the farm's primary activity.

A farm is "primarily" engaged in a specific crop production or agricultural activity if that crop or activity accounts for 50 percent or more of the total value of sales of the farm's agricultural production. If the total value of sales is less than 50 percent from a single four-digit industry, but 50 percent or more of its sales are derived from two or more industries in the same SIC group (e.g., beef cattle, except feedlots (0212) and general livestock, except dairy and poultry (0219)), the farm is classified as a miscellaneous establishment within the SIC group (021). Otherwise

it would be classified under "general farms, primarily livestock and animal specialties," with an SIC industry code of 0291. The four-digit SIC industry-level code is generally the most detailed level found in the agriculture censuses, since it allows classification of the individual establishment, i.e., the farm or ranch.







The economic censuses—except for portions of the census of transportation—are also collected and summarized based on the SIC system. Some industries, including a number of manufacturing industries closely related to agriculture, require even more detailed codes to differentiate between specific products. This led the Census Bureau to develop some 1,400 five-digit *product class* SIC codes, and about 11,000 *product* codes, to enable it to apply SIC codes to specific products. The following illustrates how the system works:


SIC level	SIC code	Description
Major group	28	Chemicals and allied products
Group	287	Agricultural chemicals
Industry	2873	Nitrogenous fertilizers
Product class	28731	Synthetic ammonia, nitric acid, and ammonium compounds
Product	28731 11	Nitric acid (100% HNO ₃)

HOW THE DATA ARE PUBLISHED


The Census Bureau publishes data in a variety of media: printed reports, computer tapes, diskettes, and compact disc-read only memory (CD-ROM). Data also are available through an online information service. The Volume 1, and selected Volume 2, printed reports can be purchased from the U.S. Government Printing Office (GPO), while the Bureau is the only source for census data on electronic media. The Bureau also will furnish special tabulations on a reimbursable basis. For more information on obtaining Census Bureau products, as well as on reference sources, special tabulations, etc., see Chapter 4, "Obtaining the Data."


Legend


	Printed report
	Computer tape
	Flexible diskette
	CD-ROM
	Online
	Microfiche
FFax	Fast Fax
*	Available from: Superintendent of Documents New Orders P.O. Box 371954 Pittsburgh, PA 15250-7954 202-783-3238 FAX 202-512-2250
+	Available from: Customer Services Data User Services Division Bureau of the Census Washington, DC 20233-8300 301-763-4100 FAX 301-763-4794/5550


 **Printed reports.** The 1992 agriculture census publication program includes final general statistical reports for the United States, each State, Puerto Rico, Guam,


and the U.S. Virgin Islands; a separate statistical report for the 1994 Farm and Ranch Irrigation Survey; and subject matter reports—the *Coverage Evaluation Survey, Ranking States and Counties, Agriculture Atlas of the United States, and History*.

 **Public-use computer tapes.** The Census Bureau's computer tapes are available in 9-track, 1,600-bpi (bits per inch) or 6,250-bpi recording density, and in either the Extended Binary Coded Decimal Interchange Code (EBCDIC) or the American Scientific Code for Information Interchange (ASCII) recording languages. The unit of issue for the public-use tapes is the "file," with each file corresponding to a particular geographic or subject matter area.

 **Diskettes.** Diskettes contain data products (1.2 or 1.44 megabytes) in files generated for an IBM-compatible microcomputer. The 1994 Farm and Ranch Irrigation Survey data will be released on diskettes.

 **Compact disc-read only memory (CD-ROM).** The rigid CD is able to hold about 600 million characters (megabytes), or the equivalent of about 1,500 diskettes or 4 high-density computer tapes. The agriculture census data will be available on CD-ROM; the State aggregates data and the county data for 1992, 1987, and 1982, will be released as a series of two discs, while the third disc will include the 1994 Farm and Ranch Irrigation file, the ZIP Code tabulations, and (in current plans) data for metropolitan areas and congressional districts.

 **Online access.** CENDATA™, the Census Bureau's online information service, is available through two information vendors—CompuServe and DIALOG. The system will have highlights of the Volume 1, *Geographic Area Series*, Volume 2, *Subject Series*, and the Volume 3, *Farm and Ranch Irrigation Survey (1994)* reports. In addition, agriculture census highlights will be available online from a third vendor—AgriData Network.

 **Microfiche.** These are 4-in. x 6-in. sheets of photographic film containing up to 98 frames (or pages) of tables, text, or other printed material, reduced to 1/24th their original size. Many libraries have the equipment needed to read microfiche and produce paper prints of individual pages, and this equipment also is available commercially. The agriculture census reports are not published in microfiche editions, but most final reports from the Bureau's other censuses and surveys are reproduced on microfiche as well on other media.

FFax FastFax. FastFax service from the Census Bureau is available for the cost of the call by anyone with a touchtone telephone. Customers dial 1-900-555-2FAX and follow recorded instructions. The system

employs a voice-prompted menu from which users select available documents and have them transmitted to a designated FAX machine. Costs per minute are charged (only while ordering) to the customer's telephone, and the documents are sent

free to the designated FAX number. The materials available on FastFax are limited, but include press releases, selected *Current Industrial Reports (CIR's)*, some advance reports from monthly and quarterly reports series, and other summary reports.

Chapter 2.

The 1992 Census of Agriculture

GENERAL INFORMATION

The 1992 publication program consists of the following report series:

- Volume 1, *Geographic Area Series*, presents final census data tabulations in separate bound reports for the United States, each State, Puerto Rico, Guam, and the U.S. Virgin Islands.
- Volume 2, *Subject Series*, consists of five parts: 1, *Agricultural Atlas of the United States*; 2, *Coverage Evaluation*; 3, *Ranking of States and Counties*; 4, *History*; and 5, *ZIP Code Tabulations of Selected Items* (Part 5 available on CD only).
- Volume 3 covers the *1994 Farm and Ranch Irrigation Survey*

HISTORICAL DATA

The agriculture census reports all include statistics from one, and sometimes two, preceding censuses. The volume 1 summary tables show historical data from several earlier censuses.

The comparability of contemporary and historical data may not be exact; the farm definition and enumeration methods employed in the censuses have changed over the years. The Census Bureau generally includes qualifications or descriptions of any potential comparability or data-quality problems in the census reports, and data users should note any restrictions or explanations about data comparability specified in the text or in table footnotes.

PUBLIC-USE MICRODATA FILE (PUF)

The Census Bureau has compiled and released files from the public-use microdata sample (PUMS) drawn from the decennial population census since 1970. These files, consisting of samples of individual census data records with all identifying information deleted to protect confidentiality, provided data users with a sample of the “raw” statistical information from the census that could be re-tabulated or manipulated in any way the user wished. Agriculture census data users urged the agency to produce an equivalent file from the agriculture census, since the agriculture enumeration collected not only economic

information, but substantial demographic data on farm operators and farm labor as well. Individual agriculture census records, however, proved very difficult to use in any sort of public-use file; the very large number of individually identifiable variables meant that merely removing name and address information would not be sufficient if a sample of any size was to be used. Consequently, the Bureau’s Agriculture Division developed two public-use microdata files (call PUF’s to distinguish them from the better known demographic PUMS)—a State-level file using a 5-percent sample of all farms from the 1987 agriculture census, and a U.S. file using a 10-percent sample—that did not consist of the “raw” data for individual operations, but selected items by frequency. Thus, for example, an individual farm record in the PUF files did not show a specific acreage for land in farms, but the one of eight acreage categories (1-9, 10-24, 25-49, 50-99, and so on, to a maximum of 1,000 and over) applicable to that farm. The 1987 Census of Agriculture State PUF contained individual files for the United States, a combined file for New England (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont), and for each State (except Alaska), and displayed 19 data variables, including land use, value of sales, Government payments, business structure, SIC code, and operator characteristics. The U.S. PUF showed national statistics for 108 demographic and economic variables, including all those in the State file, as well as such things as crop acreage, livestock and poultry inventories, and Government payments.

The Agriculture Division continued designing a PUF for the 1992 census, but as this Guide went to print, no production decision had been made.

PUBLISHED REPORTS

Volume 1, *Geographic Area Series*, series AC92-A-1 to-54. This volume presents statistics drawn from the 1992 agriculture census data file (the printed reports contain nearly 24,000 pages of tabulations), and includes a United States summary, and a separate report for each of the 50 States * * * +; Puerto Rico (* * + and highlights *); Guam, and the U.S. Virgin Islands (* and highlights *). Each State/area report consists of an introductory text and two chapters of detailed statistical tables, one for the State/area, and the second for counties or their equivalents. (The *United States* (AC92-A-1), chapter 1, shows

national-level data, while its chapter 2 has summary State statistics.) Appendixes cover general explanations (including a brief description of the census operation itself, and a glossary of terms used), statistical methodology (i.e., sampling and estimation, including coverage estimates), and facsimiles of the report form and information sheet used for the agriculture census region covering the subject State.

The introduction to the State chapter of each report includes historical highlights of the State's agriculture from the 1959 through the 1992 censuses. This is followed by 52 tables of detailed statistics covering every item collected in the census from agricultural operators in the subject State or area including:

Farms

Land in farms, land use, and irrigated land

Crop production and value of sales

Livestock and poultry inventories and sales

Selected characteristics of farms operated by females, and by persons of Hispanic origin and specified racial groups (i.e., White, Black, Asian and Pacific Islander, and American Indian and Alaska Native)

Tenure and operator characteristics

Value of machinery and equipment

Agricultural chemicals and fertilizer used

Total production expenses and selected farm expense items

Commodity Credit Corporation (CCC) loans

Government payments and other farm-related income

Characteristics of farms by SIC code¹

Value of direct sales

Number of hired workers

Injuries and deaths

The State tables frequently show comparable 1987 data. Tables 46 through 52 also show 1992 State data cross-tabulated by various farm classifications, such as size of farm, tenure of operator, type of organization, market value of agricultural products sold, certain operator characteristics (e.g., age and principal occupation of operator, combined Government payments and market value of products sold), and SIC code.

Chapter 2 presents county summary highlights and 39 additional tables of selected data for all counties or equivalents for:

Farms

Land in farms, land use, harvested cropland, and irrigated land

Market value of agricultural products sold, and SIC code

Farm production expenses

Net cash return from agricultural sales, Government payments, other farm-related income, direct sales, and CCC loans

Characteristics of farms with annual sales of \$10,000 or more

Number of hired workers

Tenure and characteristics of operators, and type of organization

Value of land and buildings

Machinery and equipment

Agricultural chemicals and fertilizer used

Livestock, poultry, and animal specialties inventories and sales

Major and minor crops

Farms operated by Hispanic-origin and specified racial groups

The individual counties are listed alphabetically in each table. Specific tables show data for counties with three or more farms reporting a particular crop or animal specialty, such as nursery and greenhouse products, fish sales, goats, or mink; farms operated by persons of selected racial groups or Spanish origin; farms with grazing permits; and so on. The reports combine data for counties with fewer than three farms reporting a given item into an "all other counties" category for the State.

The Bureau retabulated the volume 1 data to produce statistical tables for metropolitan areas (MA's). The MA data generally were aggregates of county totals except in New England, where MA boundaries cross county lines, and additional geographic work was required. The Bureau issued the MA data, together with selected State and county totals, on 0 + .

A complete listing of tables in the volume I reports is given in appendix A.

Volume 2, *Subject Series*, series AC92-S-1 to -5. This series consists of five parts:

- *Agricultural Atlas of the United States*, AC92-S-1, 0 + *
0 +, presents a profile of American agriculture in a series of U.S. dot and multicolor pattern maps. Clear mylar overlays showing State and county outlines, in a pocket inside the back cover, enable users to see county-level geographic information.

¹The reference for all SIC codes used in the agriculture and other censuses is *Standard Industrial Classification Manual: 1987*. For sale by Superintendent of Documents, U.S. Government Printing Office; or by the National Technical Information Service, U.S. Department of Commerce, Springfield, VA 22161.

1992 CENSUS OF AGRICULTURE-STATE DATA

A. Highlights of the State's Agriculture: 1992 and 1987

[Dollar figures are in current dollars with no adjustment for price changes. For meaning of abbreviations and symbols, see introductory text]

Item	All farms		
	1992	1987	Percent change from 1987 to 1992
Farms.....number.....	2 633	2 966	-11.2
Land in farms.....acres.....	589 189	606 245	-3.1
Average size of farm.....acres.....	224	205	9.3
Estimated market value of land and buildings ¹ :			
Average per farm.....dollars.....	514 156	369 751	39.1
Average per acre.....dollars.....	2 246	1 765	27.3
Estimated market value of all machinery and equipment ¹ :			
Average per farm.....dollars.....	67 843	53 447	26.9
Farms by size:			
1 to 9 acres.....	421	514	-18.1
10 to 49 acres.....	797	867	-8.1
50 to 179 acres.....	725	786	-8.0
180 to 499 acres.....	399	481	-17.3
500 to 999 acres.....	161	166	-14.4
1,000 to 1,999 acres.....	89	100	-11.0
2,000 acres or more.....	42	28	50.0
Total cropland.....farms.....	2 162	2 397	-9.6
Harvested cropland.....acres.....	495 156	501 290	-1.2
Irrigated land.....farms.....	1 956	2 172	-9.9
.....acres.....	470 348	441 502	6.5
Market value of agricultural products sold.....\$1,000.....	559 768	443 575	26.2
Average per farm.....dollars.....	212 596	149 553	42.2
Crops, including nursery and greenhouse crops.....\$1,000.....	142 963	96 118	48.7
Livestock, poultry, and their products.....\$1,000.....	416 802	347 456	20.0
Farms by value of sales:			
Less than \$2,500.....	392	540	-27.4
\$2,500 to \$4,999.....		10	21.1
\$5,000 to \$9,999.....			2
\$10,000 to \$24,999.....			
\$25,000 to \$49,999.....			

Table 8. Land in Farms, Harvested Cropland, and Irrigated Land, by Size of Farm: 1992 and 1987

[For meaning of abbreviations and symbols, see introductory text]

All farms	Farms		Land in farms (acres)		Harvested cropland (acres)		Irrigated land (acres)	
	1992	1987	1992	1987	1992	1987	1992	1987
Land in farms.....	2 633	2 966	589 189	606 245	470 348	441 502	61 774	60 812
Farms by size:								
1 to 9 acres.....	421	514	1 844	2 018	434	431	75	76
10 to 49 acres.....	797	867	19 217	21 371	8 430	9 176	334	501
50 to 179 acres.....	194	196	11 246	(D)	6 246	6 426	298	165
180 to 499 acres.....	186	230	15 255	18 965	9 318	10 694	519	274
500 to 999 acres.....	202	219	23 378	25 473	13 546	14 990	783	1 055
1,000 to 1,999 acres.....	143	143	22 493	22 664	13 958	14 435	1 308	853
2,000 to 2,499 acres.....	93	117	16 280	23 439	11 825	15 619	600	1 558
250 to 259 acres.....	61	76	14 442	18 097	10 193	11 778	408	196
260 to 499 acres.....	244	288	87 607	104 012	68 444	77 489	7 811	7 937
500 to 999 acres.....	161	188	111 244	(D)	94 124	101 020	12 919	17 116
1,000 to 1,999 acres.....	89	100	117 283	(D)	106 537	107 904	16 142	14 184
2,000 acres or more.....	42	28	148 800	(D)	127 193	71 538	20 582	16 895
5,000 acres or more.....	6	5	47 536	36 561	36 180	23 571	10 064	9 443
Farms with harvested cropland.....	1 956	2 172	572 138	586 313	470 348	441 502	61 737	60 782
Farms by size:								
1 to 9 acres.....	119	122	646	670	434	431	72	64
10 to 49 acres.....	503	564	13 240	14 969	8 430	9 176	300	485
50 to 179 acres.....	172	164	9 942	9 544	6 246	6 426	298	165
180 to 499 acres.....	201	200	16 000	16 000	9 318	10 694	519	274
500 to 999 acres.....	203	203	23 378	25 473	13 546	14 990	783	1 055

1992 CENSUS OF AGRICULTURE—COUNTY DATA

Table 2. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1992 and 1987

[For meaning of abbreviations and symbols, see introductory text]

Item	Delaware	Kent	New Castle	Sussex
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD				
Total sales (see text) ----- farms, 1992..	2 633	782	336	1 515
1987..	2 966	857	380	1 729
\$1,000, 1992..	559 766	111 769	40 289	407 707
1987..	448 575	83 807	30 417	329 552
Average per farm ----- dollars, 1992..	212 596	142 927	119 909	269 114
1987..	149 553	97 557	80 044	180 602
1992 value of sales:				
Less than \$1,000 ----- farms..	201	83	50	66
\$1,000..	58	26	9	22
\$1,000 to \$2,499 ----- farms..	191	70	37	84
\$1,000..	309	110	59	140
\$2,500 to \$4,999 ----- farms..	213	82	30	101
\$1,000..	773	298	110	365
\$5,000 to \$9,999 ----- farms..	252	85	50	117
\$1,000..	1 760	604	346	809
\$10,000 to \$19,999 ----- farms..	234	77	36	121
\$1,000..	3 291	1 071	496	1 724
\$20,000 to \$24,999 ----- farms..	67	29	13	25
\$1,000..	1 490	563	286	542
\$25,000 ----- farms..	147	50	24	73
\$1,000..	1 638	1 583	745	2 310
\$40,000 ----- farms..	55	21	8	26
\$1,000..				

Table 15. Hogs and Pigs—Inventory, Litters, and Sales: 1992 and 1987

[For meaning of abbreviations and symbols, see introductory text]

Item	Delaware	Kent	New Castle	Sussex
INVENTORY				
Hogs and pigs ----- farms, 1992..	205	72	11	122
1987..	301	97	15	189
number, 1992..	58 913	5 880	630	52 403
1987..	49 714	5 956	1 079	42 677
Farms by inventory:				
1 to 24 ----- farms, 1992..	92	48	7	37
1987..	123	58	7	58
number, 1992..	714	293	24	397
1987..	982	403	43	536
25 to 49 ----- farms, 1992..	23	7	1	15
1987..	56	19	3	34
number, 1992..	777	(D)	(D)	522
1987..	1 874	(D)	(D)	1 131
50 to 99 ----- farms, 1992..	29	6	2	21
1987..	47	12	3	32
number, 1992..	1 903	(D)	(D)	1 302
1987..	3 150	815	169	2 166
100 to 199 ----- farms, 1992..	17	5	-	12
1987..	23	2	-	21
number, 1992..	2 100	661	-	1 439
1987..	2 744	(D)	-	(D)
200 to 499 ----- farms, 1992..	22	3	1	18
1987..	23	3	2	19
number, 1992..	8 350	(D)	(D)	5 127
1987..	7 412	(D)	(D)	5 867
500 to ----- farms, 1992..	9	2	-	6
1987..	15	(D)	-	13

FARM AND RANCH IRRIGATION SURVEY (1988)

Table 2. Irrigated Farms by Acres Irrigated: 1988 and 1984

[Excludes irrigation data for Alaska, Hawaii, and abnormal and horticultural specialty farms]

Geographic and water resources areas	Total			1 to 9 acres			10 to 49 acres			50 to 99 acres		
	Farms	Acres in farms	Acres irrigated	Farms	Acres in farms	Acres irrigated	Farms	Acres in farms	Acres irrigated	Farms	Acres in farms	Acres irrigated
TOTAL												
Conterminous United States --- 1988	223 943	166 134 134	46 199 161	38 523	1 281 431	186 841	58 928	13 017 233	1 406 863	28 998	16 553 711	2 027 371
1984	212 364	176 133 529	44 730 913	36 776	1 581 593	174 339	55 563	8 823 868	1 340 537	27 749	10 368 639	1 987 844
27 leading Irrigation States --- 1988	209 546	160 639 100	45 180 948	33 498	612 838	164 410	54 068	11 920 191	1 298 987	27 305	14 717 834	1 913 819
17 Western States --- 1988	180 626	168 681 340	37 188 846	29 019	447 790	145 430	48 120	11 056 311	1 131 995	23 902	13 240 523	1 674 440
1984	179 473	153 210 001	38 157 085	29 485	607 872	144 684	47 929	7 150 223	1 166 317	23 787	8 820 410	1 691 378
All other States --- 1988	14 398	5 495 034	1 018 213	5 037	668 693	22 431	4 860	1 097 042	109 876	1 693	836 077	113 752
1984	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1988 DATA												
Arizona	3 580	5 178 554	840 127	658	7 625	2 470	1 278	257 473	24 197	316	1 008 789	23 177
Arkansas	5 744	5 394 354	2 755 000	-	-	-	772	68 710	29 004	332	38 002	24 036
California	47 442	15 349 922	7 561 937	13 477	82 624	66 198	16 744	1 109 010	964 727	4 980	879 316	358 190
Colorado	12 649	12 782 218	3 211 859	812	4 080	4 080	1 486	398 867	31 676	2 637	551 254	189 924
Florida	6 841	3 657 984	1 460 137	1 959	27 696	10 616	2 456	156 009	57 246	759	356 974	61 270
Georgia	3 740	2 773 175	645 501	714	15 084	1 098	1 175	297 879	36 537	379	202 216	27 726
Idaho	14 956	8 316 544	3 124 446	1 933	18 727	13 533	4 359	186 914	115 772	2 068	335 273	148 111
Illinois	945	726 453	193 726	148	6 783	506	121	81 720	3 962	125	65 889	8 360
Kansas	7 129	10 343 650	2 594 001	388	1 472	1 472	504	640 080	4 080	831	943 729	50 799
Louisiana	3 119	674 785	674 785	1	25 127	1 499	-	19 710	-	625	21 111	41 539
Michigan	5 314	314 000	314 000	1	19 884	73	-	-	-	319	-	439

1987 CENSUS OF AGRICULTURE--ZIP CODE TABULATIONS OF SELECTED ITEMS

Farm Count for ZIP Codes by Item Frequency

ZIP Code	ZIP Code name	Farms	Land in farms			Market value of agricultural products sold			Cattle and calf inventory		
			1 to 49 acres	50 to 999 acres	1,000 acres or more	Less than \$10,000	\$10,000 to \$99,999	\$100,000 or more	1 to 49	50 to 199	200 or more
	ALABAMA										
—	Total	43 318	14 958	26 759	1 601	29 342	9 480	4 486	22 505	6 161	1 158
30062	Marletta	6	—	6	—	4	2	—	2	3	—
30108	Bowdon	13	1	12	—	6	6	1	5	4	—
30161	Rome	7	—	7	—	5	2	—	5	—	—
30240	La Grange	5	—	5	—	3	2	—	3	2	—
30730	Lyerly	6	1	4	1	1	4	1	1	3	1
30752	Trenton	5	1	4	—	4	—	1	5	—	—
31901	Columbus	5	—	4	1	2	3	—	2	3	—
31902	Columbus	6	—	4	2	3	3	—	1	2	—
31904	Columbus	5	2	2	1	3	1	1	2	1	1
31906	Columbus	6	—	6	2	6	2	—	4	1	—
31909	Columbus	5	—	5	—	5	—	—	4	1	—
32503	Pensacola	5	5	—	—	5	—	—	3	—	—
32505	Pensacola	5	2	3	—	2	3	—	2	—	—
32506	Pensacola	7	1	6	—	5	2	—	5	1	—
32533	Cantonment	6	—	6	—	4	2	—	2	—	—
32535	Century	11	4	7	—	8	2	1	1	—	—
32536	Crestview	5	3	2	—	4	1	—	2	—	—
32548	Fort Walton Beach	12	8	7	—	7	1	—	7	—	1
35004	Aomars	12	7	5	—	9	—	3	6	1	—
35005	Adams	12	8	4	—	—	5	—	7	—	—
35006	Adams	5	—	—	—	—	—	—	3	—	—
35007	Adams	2	—	—	—	4	—	—	14	—	—

MAP FROM AGRICULTURE ATLAS

1987 CENSUS OF AGRICULTURE, VOLUME 2, SUBJECT SERIES, PART 3, RANKING STATES AND COUNTIES

Table 25. **Value of Crops Sold, Including Nursery and Greenhouse Crops: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Value (\$1,000)		Rank		1987 cumulative percent of U.S. total	Geographic area	Value (\$1,000)		Rank		1987 cumulative percent of U.S. total
	1987	1982	1987	1982			1987	1982	1987	1982	
United States	58 931 085	62 256 087	(X)	(X)	100.0	COUNTIES—Con.					
STATES						100 leading counties—Con.					
20 leading States.....	48 271 751	46 297 654	(X)	(X)	78.5	Polk, MN.....	141 750	132 731	36	39	20.1
California.....	9 269 389	8 158 494	1	1	15.7	Mau, HI.....	140 722	124 678	37	41	20.4
Illinois.....	4 158 936	5 092 452	2	2	22.6	Handry, FL.....	139 571	89 411	38	71	20.6
Iowa.....	3 680 117	4 143 086	3	3	29.0	Hillsborough, FL.....	137 517	122 958	39	44	20.9
Florida.....	3 317 823	2 518 959	4	6	34.6	McLean, IL.....	136 483	179 485	40	26	21.1
Texas.....	2 962 663	3 025 698	5	4	39.7	Indian River, FL.....	133 619	68 805	41	123	21.3
Minnesota.....	2 500 827	2 671 482	6	5	43.9	Manatee, FL.....	125 858	96 749	42	60	21.5
Nebraska.....	2 139 116	2 379 811	7	8	47.5	Colusa, CA.....	125 407	116 034	43	47	21.7
Indiana.....	2 127 135	2 439 409	8	7	51.1	Iroquois, IL.....	124 577	154 604	44	30	22.0
Ohio.....	1 750 783	1 863 940	9	11	54.1	Champaign, IL.....	122 501	146 852	45	32	22.2
Kansas.....	1 693 609	2 143 047	10	9	57.0	Weld, CO.....	120 844	123 824	46	42	22.4
Washington.....	1 688 656	1 714 741	11	13	59.8	San Luis Obispo, CA.....	117 619	87 401	47	74	22.6
North Dakota.....	1 497 212	1 759 871	12	12	62.4	La Salle, IL.....	116 394	144 365	48	33	22.8
Missouri.....	1 480 850	1 546 664	13	14	64.9	Martin, FL.....	115 046	86 951	49	136	23.0
North Carolina.....	1 436 988	1 898 109	14	10	67.3	Collier, FL.....	112 085	61 333	50	167	23.1
Michigan.....	1 272 802	1 364 665	15	15	69.5	Whitman, WA.....	111 632	149 314	51	31	23.3
Arkansas.....	1 246 686	1 356 618	16	17	71.6	Canyon, ID.....	111 367	99 062	52	58	23.5
Idaho.....	1 097 255	1 180 742	17	19	73.4	Benton, WA.....	110 818	122 105	53	46	23.7
Oregon.....	1 048 616	935 456	18	23	75.2	Glenn, CA.....	109 302	86 187	54	77	23.9
Georgia.....	1 005 864	1 180 886	19	18	76.9	Bingham, ID.....	108 245	107 806	55	52	24.1
Wisconsin.....	936 624	943 422	20	22	78.5	Cass, ND.....	107 337	111 984	56	48	24.3
COUNTIES						Highlands, FL.....	106 463	59 111	57	187	24.4
100 leading counties.....	18 186 847	16 329 749	(X)	(X)	30.9	Santa Clara, CA.....	106 190	79 774	58	93	24.6
Fresno, CA.....	1 223 873	1 110 175	1	1	2.1	Umatilla, OR.....	105 851	106 966	59	54	24.8
Kern, CA.....	957 747	946 668	2	2	3.7	Livingston, IL.....	105 482	143 281	60	34	25.0
Palm Beach, FL.....	846 953	519 451	3	5	5.1	Walsh, ND.....	103 882	(D)	61	84	25.2
Monterey, CA.....	687 781	623 476	4	3	6.3	Chelan, WA.....	102 073	83 405	62	82	25.3
Tulare, CA.....	599 159	599 123	4	4	7.4	Renville, MN.....	100 620	104 528	63	55	25.5
Yuba, CA.....	348 42	354	5	5	8.2	Honolulu, HI.....	100 356	83 413	64	81	25.7
Yuba, CA.....	348 42	354	5	5	8.2	Bureau, IL.....	100 143	122 985	65	43	25.8
Yuba, CA.....	348 42	354	5	5	8.2	Kossuth, IA.....	100 025	111 625	66	49	26.0
Yuba, CA.....	348 42	354	5	5	8.2	Sonoma, CA.....	99 006	70 699	67	118	26.2
Yuba, CA.....	348 42	354	5	5	8.2	Suffolk, VA.....	97 541	75 882	68	104	26.3
Yuba, CA.....	348 42	354	5	5	8.2	Richmond, VA.....	90 90	90 90	69	68	26.5
Yuba, CA.....	348 42	354	5	5	8.2	Richmond, VA.....	90 90	90 90	70	50	26.7

- *Coverage Evaluation*, AC92-S-2, □ *, offers State estimates of the number of farms not on the mail list; national and regional estimates of the number of operations incorrectly classified, and the number of duplicate farms; and national, regional, and divisional estimates of selected agricultural characteristics of missed farms.
- *Ranking of States and Counties*, AC92-S-3, □ *, shows the ranking of the top 20 States and top 100 counties in order of importance of most selected items for 1992. Most tables include comparative data from the 1987 census, as well as cumulative total percentages of products or other items for the topmost States and counties. (Highlights ■ .)
- *History*, AC92-S-4, □ *, describes the major census operations and reproduces selected data-collection forms.
- *ZIP Code Tabulation of Selected Items From the 1992 Census of Agriculture*, AC92-S-5, ○ +, contains farm counts by ZIP Code for selected items from the 1992 census, such as number of farms, land in farms, land in farms by size, market value of agricultural products sold,

and market value of products sold by size, livestock inventory, selected crops, and other data items. (Highlights ■ .)

Volume 3, Farm and Ranch Irrigation Survey (1994), AC92-FRIS-1, □ * ○ ■ + ■ (highlights). The irrigation survey report presents statistics about on-farm irrigation practices collected from a sample of 1992 agricultural operators (excluding operators in Alaska, Hawaii, abnormal farms, and horticultural specialty operations) who reported irrigation during the census year. These data supplement the basic irrigation information collected from all farm and ranch operators in the census. The publication offers information for the 18 water resources regions (WRR's) of the 48 conterminous States, as well as for the 27 leading irrigating States. The tabulations shown include:

Acreage in 1993

Land use and acres irrigated by category of land use

Acres and yields for irrigated and nonirrigated crops

Expenditures in 1993 for maintenance and repair of irrigation equipment and facilities

Method of water distribution used in 1993

Source of water used

Energy use

Irrigation practices in 1993

of the Census surveyed cotton ginnings in the United States annually from 1902 until the Office of Management and Budget (OMB) transferred responsibility for the survey to NASS in 1992.²

(The Census Bureau's *Current Industrial Reports*, series M22P, Consumption on the Cotton System and Stocks, provides selected data on manufacturing establishments dealing with cotton, see ch. 3.)

CURRENT AGRICULTURAL STATISTICS

Most current agricultural statistics for the United States are collected by the U.S. Department of Agriculture's National Agricultural Statistics Service (NASS). The Bureau

²The NASS report series is produced monthly during the ginning season, with an annual summary released in May each year. The report series is CTGN [month/year], *Cotton Ginnings*, from the National Agricultural Statistics Service, U.S. Department of Agriculture, 14th & Independence Ave., SW, Washington, DC 20250.

Chapter 3. Related Statistics

INTRODUCTION

General Information

The agriculture census is the principal source for production and economic data, land value, farming practices, and other information about American agriculture, but the Census Bureau collects related data on the food and fiber system in other enumerations and surveys. These other sources include the economic censuses and their related periodic surveys, the census and surveys of governments, and the foreign trade statistics program. The population and housing censuses collect and publish sociodemographic data on the farm and rural (nonfarm) populations. (The Bureau's current population and housing statistics program included reports on the farm and rural populations through 1991; the publication of these reports was funded by the Economic Research Service (ERS) of the U.S. Department of Agriculture (USDA), but this funding was withdrawn for fiscal year 1992.)

Census Geography

Overview. The Bureau compiles population, housing, and economic statistics for three types of large areas *outside* the agriculture census's normal geographic hierarchy (i.e., Nation, region, division, State, county, etc.)—metropolitan areas (MA's), consolidated metropolitan statistical areas (CMSA's), and primary metropolitan statistical areas (PMSA's). The Office of Management and Budget (OMB) established these three geographic tiers on June 30, 1984, to replace two former metropolitan areas—standard metropolitan statistical areas (SMSA's) and standard consolidated statistical areas (SCSA's).

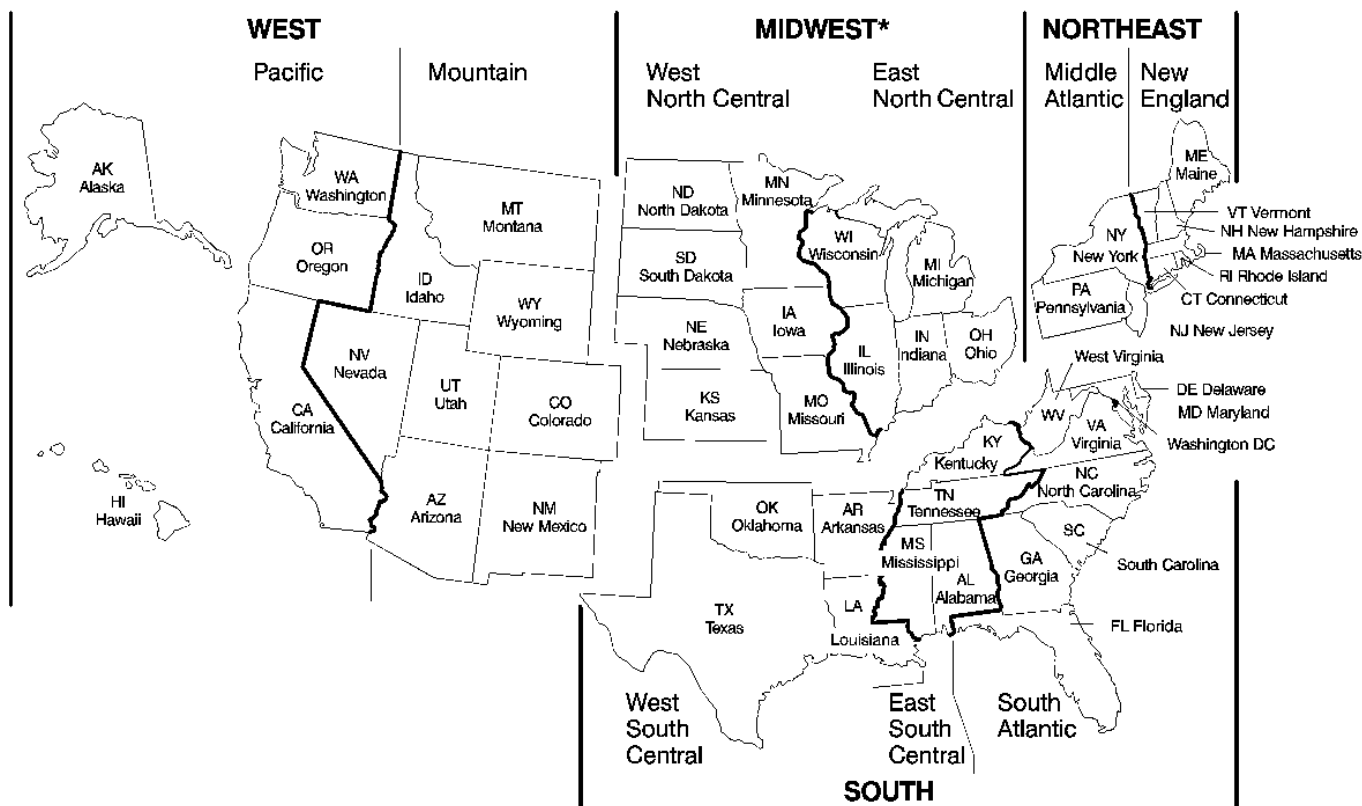
At the other end of the geographic scale, some of the economic census data also are tabulated and released for special economic urban areas, incorporated places, towns and townships in selected northeastern States, and (for the retail, services, and manufactures censuses) at the five-digit ZIP Code level. The population and housing data are published for a number of subcounty areas as well—five-digit ZIP Codes, census tracts, block-numbering areas (BNA's), block groups (BG's), and blocks, as well as for such specialized units as American Indian reservations, tribal designated statistical areas, Alaska Native village statistical areas, census designated places (CDP's), minor civil divisions (MCD's), and so on.

Definitions. A metropolitan area (MA) is an integrated economic and social unit with a recognized large population nucleus. Generally, an MA consists of one or more counties (cities and towns in New England) or their equivalents, including a city with a population of at least 50,000, or an "urbanized area" with a population of at least 50,000 and a total metropolitan population of at least 100,000 (75,000 in New England). The MA may contain one or more predominantly agricultural counties. A metropolitan complex that has a population of 1 million or more may be subdivided into two or more PMSA's, each consisting of one or more counties, with demonstrated strong internal economic and social links separate from the ties to *other* portions of the complex. A PMSA, by definition, is always *part* of a CMSA. A CMSA is an MA containing one or more PMSA's. The 1990 Decennial and 1992 Economic Census publications include tabulations for 268 MA's, 21 CMSA's, and 73 PMSA's.

The smaller geographic units used in the population and housing censuses provide data at very local levels. The most common of these smaller divisions are the minor civil divisions (MCD's—almost 30,000 were recognized for the 1990 census), such as townships and other subcounty units, as well as census county divisions (CCD's—subcounty areas identified where MCD's are not adequate for reporting decennial census data) and census designated places (CDP's—closely settled population centers without legally established limits). The more basic units for which data are published are the census tracts/block-numbering areas (BNA's)—statistical subdivisions of counties with an average of 4,000 inhabitants. Local committees lay out the tract boundaries, following Bureau guidelines, prior to each decennial census, for MA's and approximately 200 other counties, while State and Bureau officials delineate BNA's for purposes of grouping and numbering blocks in counties in which tracts have not been established. Block groups (BG's) are subdivisions of tracts or BNA's, and comprise all the blocks with the same first digit of their identifying block numbers in each tract or BNA. The census block, the smallest area for which the Bureau publishes data, is defined for census purposes as an area bounded by streets or other visible features and the boundaries of governmental units (e.g., a block cannot cross county or township lines). The 1990 census identified approximately 7 million blocks in the 50 States, the District of Columbia, Puerto Rico, and the outlying areas.

MAP OF CENSUS GEOGRAPHIC REGIONS

Census Regions and Geographic Divisions of the United States



*The Midwest Region was designated as the North Central Region until June 1984.

Survey data, usually collected between censuses from samples of households or business establishments, typically are limited to estimates for the entire country or for census regions, although some estimates are published for large States or the largest MA's.

THE ECONOMIC CENSUS AND RELATED PROGRAMS

General Information

The economic census and current economic surveys cover establishments¹ engaged in manufacturing, mining, retail trade, wholesale trade, construction, and most

transportation and service industries.² Title 13, United States Code, requires that economic censuses be carried out every 5 years for years ending in "2" and "7" and specifies which economic sectors are covered.

The data collected vary by industry, but include a number of key measures, such as sales (or receipts or value of shipments), employment, and payroll, in nearly all economic census programs. The censuses provide data for most industries on products sold or services performed, inventories, capital expenditures, and materials consumed.

The latest economic census program had the following major activities:

¹Defined for census and survey purposes as a business or industrial unit at a single geographic location that produces or distributes goods or performs services.

²Agricultural services, as defined in the SIC system (SIC major group 07), are *not* included in either the agriculture or the economic censuses as such, although the Survey of Minority-Owned Business Enterprises *does* include agricultural services as one of the broad economic categories used in its tabulations.

- 1992 Census of Manufactures
- 1992 Census of Mineral Industries
- 1992 Census of Service Industries
- 1992 Census of Retail Trade
- 1992 Census of Wholesale Trade
- 1992 Census of Finance, Insurance, and Real Estate
- 1992 Census of Transportation, Communications, and Utilities
- 1992 Truck Inventory and Use Survey
- 1993 Commodity Flow Survey
- 1992 Survey of Minority-Owned Business Enterprises
- 1992 Survey of Women-Owned Businesses
- 1992 Characteristics of Business Owners Survey

The Census Bureau also carries out an extensive program of data collection from administrative and other records and from periodic economic surveys, most based on probability samples, to provide additional statistics on the Nation's economy. This program includes *County Business Patterns* (which includes agricultural services operations), annual and monthly surveys of wholesale and retail trade, annual surveys of manufactures and transportation.

Sources of Agriculture-Related Information

Manufactures

The 1992 Census of Manufactures covered manufacturing industries and collected data on employment, payroll and worker hours, inventories, capital expenditures, cost of materials and contract work, resales, fuel and electricity, ownership and control, products, foreign content of materials consumed, and offshore assembly of products initially fabricated in the United States. (The census also collected plant characteristics for selected industries.)

The publication program for the 1992 Census of Manufactures consists of the following report series:

- *Preliminary Industry Series*, MC92-I-20A(P) to -39D(P), □ * ■ □ + . This report series covers 459 manufacturing industries in 83 bulletins containing general statistics at the national level. The reports show preliminary totals for quantity and value of shipments for the products primary to the industry, and the quantity and cost of materials consumed by establishments classified in the industry.
- *Preliminary Summary*, MC92-SUM-1(P), □ * ■ □ + . This report presents general statistics for the 459 manufacturing industries of the Nation, for States, the District of Columbia, and for selected MA's with 40,000 or more manufacturing employees.
- *Industry Series*, MC92-I-20A to -39D, □ * ■ □ + . Each report in this series shows final data for the United States, the 50 States, and the District of Columbia, for 1 of 83 groups of related industries (e.g., MC92-I-20A, *Meat Products*). There are statistics on the number of establishments, payroll, payroll supplements, quantity and value of products shipped and materials consumed, capital expenditures, assets, value added, and number of companies. See the list below for the final industry reports, by SIC industry, of most obvious interest to agricultural data users.
- *Geographic Area Series*, MC92-A-1 to -51, □ * ■ □ + . This series consists of a separate report for each State and the District of Columbia, showing summary and detailed statistics for industries (e.g., the Iowa report, under food and kindred products, includes data for selected four-digit SIC industries, such as poultry slaughtering and processing (2015), fluid milk (2026), and wet corn milling (2046)) for the State, MA's, counties, and incorporated places with a minimum number of manufacturing employees. (Some statistics, such as assets, rents, inventories, and cost of materials, are available for States only.)
- *Subject Series*, MC92-S-1 to -3, □ * ■ + . These three reports show national-level data, except where noted.
 - General Summary*, MC92-S-1, presents summary totals for industries and product classes. Some data are for States and MA's.
 - Concentration Ratios in Manufacturing*, MC92-S-2, provides measures of the share of industrial activity accounted for by the largest companies.
 - Manufacturers' Shipments to the Federal Government*, MC92-S-3, shows data on manufacturing activities for selected Government establishments in the United States. These data do not appear in the other 1992 reports.

Current manufactures statistics—

- *Annual Survey of Manufactures*, M91(AS)-1 to -3, □ * ■ □ + , is published for years other than the census years. The Annual Survey of Manufactures (ASM) collects data from a sample of about 56,000 manufacturing establishments and publishes national statistics, with some State-level data in No. 3. The reports typically appear 15-18 months after the close of the reference year, and include estimates for industry groups and industries on employment, payroll, production worker hours, value added by manufacture, cost of materials, value of shipments, new capital expenditures, fuel and electric energy, and end-of-year inventories. These data also are shown at the State level, with selected data for two-digit industry groups. The program also covers value of shipments for classes of products.

1. *Statistics by Industry Groups and Industries* offers general data similar to those in the census *Industry Series*, but less detailed at the national level, with comparable figures for the previous year.

2. *Value of Product Shipments* features approximately 1,500 product classes, with comparable data for the previous years.

3. *Geographic Area Statistics* presents general statistics by States, by three-digit SIC industry, with comparable data for the previous year.

- *Current Industrial Reports (CIR's)*, [□ —through December 1992; thereafter, only an annual report covering *all CIR's* was released in printed form] (Subscription or single copies *, back issues +), [□ +, also □ where indicated. This is a series of about 100 monthly, quarterly, and annual reports, normally showing data at the national level. Some of the monthly and quarterly series are linked to separate annual reports; those that are not have annual summaries within the same series. Most *CIR's* have SIC-related series numbers. There are several general purpose reports not related to any one SIC major group, and two reports (with the prefix "ITA") issued jointly by the Census Bureau and the International Trade Administration.

CIR's of particular interest to agriculture census data users include the following:

Agriculture-Related Current Industrial Reports

Report series	Frequency	Description
M20A □ <i>FFax</i>	Monthly	Flour Milling Products
MA20D □	Annual	Confectionery
MQ20J <i>FFax</i>	Quarterly	Fats and Oils: Oilseed Crushings
MQ20K	Quarterly	Fats and Oils: Production, Consumption, and Stocks
MQ22D	Quarterly	Consumption on the Cotton System and Worsted Combining
M22P □ <i>FFax</i>	Monthly	Consumption on the Cotton System and Stocks
MA28A	Annual	Inorganic Chemicals
MQ28A	Quarterly	Inorganic Chemicals
MA28B □	Annual	Fertilizer Materials
MQ28B □	Quarterly	Fertilizer Materials
MA35A	Annual	Farm Machinery and Lawn and Garden Equipment
MA35L	Annual	Internal Combustion Engines
MA35P	Annual	Pumps and Compressors

Agriculture-Related Preliminary and Final Industry Reports From the 1992 Census of Manufactures

[Preliminary report numbers are identical to final report numbers except for the addition of the suffix "P".]

Report	Description
<i>SIC Major Group 20</i>	<i>Food and Kindred Products</i>
MC92-I-20A	Meat Products
MC92-I-20B	Dairy Products
MC92-I-20C	Preserved Fruits and Vegetables
MC92-I-20D	Grain Mill Products
MC92-I-20E	Bakery Products
MC92-I-20F	Sugar and Confectionery Products
MC92-I-20G	Fats and Oils
MC92-I-20H	Beverages
MC92-I-20I	Miscellaneous Food and Kindred Products
<i>SIC Major Group 21</i>	<i>Tobacco Products</i>
MC92-I-21A	Tobacco Products
<i>SIC Major Group 22</i>	<i>Textile Mill Products</i>
MC92-I-22A	Weaving and Floor Covering Mills
MC92-I-22B	Knitting Mills
MC92-I-22C	Dyeing and Finishing Textiles, Except Wool Fabrics and Knit Goods
MC92-I-22D	Yarn and Thread Mills
MC92-I-22E	Miscellaneous Textile Goods
<i>SIC Major Group 28</i>	<i>Chemicals and Allied Products</i>
MC92-I-28G	Agricultural Chemicals
<i>SIC Major Group 31</i>	<i>Leather and Leather Products</i>
MC92-I-31A	Tanning; Industrial Leather Goods; and Shoes
<i>SIC Major Group 35</i>	<i>Industrial and Commercial Machinery and Computer Equipment</i>
MC92-I-35A	Engines and Turbines and Farm Machinery and Equipment
MC92-I-35D	Special Industry Machinery, Except Metalworking Machinery (Includes textile machinery (3552) and food products machinery (3556))

TABLE FROM 1987 CENSUS OF MANUFACTURES, GEOGRAPHIC AREA SERIES

Table 5. Statistics by Selected Industry Group and Industry for the State: 1987 and 1982—
Con.

[Includes operating manufacturing establishments and auxiliaries. Includes industry groups and industries with 150 employees or more. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

SIC code	Industry	1987								1982				
		All establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	New capital expenditures (million dollars)	All employees (1,000)	Value added by manufacture (million dollars)
		E	Total (no.)	With 20 employees or more (no.)	Number ¹ (1,000)	Payroll (million dollars)	Number (1,000)	Hours (millions)	Wages (million dollars)					
20	Food and kindred products—													
205	Con.													
2051	Bakery products	—	16	10	3.0	84.9	1.7	3.2	33.5	183.1	146.6	321.3	13.9	(NA)
2052	Bread, cake, and related products	—	12	7	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	EE	(D)
2052	Cookies and crackers	—	3	3	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	EE	(D)
208	Sugar and confectionery products	—	9	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(NA)	(NA)
207	Fats and oils	—	7	6	.4	9.4	.3	.5	5.4	35.6	452.8	496.6	(D)	CC
2075	Soybean oil mills	—	2	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(NA)	(NA)
208	Beverages	—	53	39	4.8	114.1	2.6	5.0	57.6	714.4	541.1	1 170.4	24.2	7.1
2085	Distilled and blended liquors	—	18	15	2.5	65.6	1.9	3.6	46.7	590.8	345.2	853.4	(D)	3.8
2086	Bottled and canned soft drinks	E1	29	21	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	FF	(D)
209	Miscellaneous food and kindred products	—	30	12	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.6	129.0
2096	Potato chips and similar snacks	E1	5	5	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(NA)	(NA)
2099	Food preparations, n.e.c.	—	14	6	.8	13.6	.4	.8	8.4	100.4	145.1	236.0	5.1	(NA)
21	Tobacco products	—	12	9	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	7.3	1 136.2
211	Cigarettes	—	1	1	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	FF	(D)
2111	Cigarettes	—	1	1	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	FF	(D)
213	Chewing tobacco	—	1	1	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

TABLE FROM 1991 ANNUAL SURVEY OF MANUFACTURES

Table 2. Statistics for the United States and States by Industry Group: 1991 and 1990

[Includes operating manufacturing establishments and auxiliaries. Includes industry groups with 950 employees or more. For meaning of abbreviations and symbols, see introductory text. For

State and SIC code	Geographic area and industry group	1991									
		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials ¹ (million dollars)	Value of shipments ¹ (million dollars)	New capital expenditures (million dollars)	End-of-year inventories (million dollars)
		Number (1,000)	Payroll (million dollars)	Number (1,000)	Hours (millions)	Wages (million dollars)					
		A	B	C	D	E	F	G	H	I	J
U.S.	United States	18 061.9	529 018.9	11 513.4	23 194.1	266 412.3	1 313 636.3	1 603 925.4	2 826 207.3	96 916.4	379 943.2
20	Food and kindred products	1 474.7	34 677.3	1 069.7	2 168.2	21 764.4	146 336.0	242 490.7	307 600.9	9 361.9	29 782.1
201	Meat products	390.0	7 025.1	330.4	670.3	5 261.8	17 475.6	71 619.9	80 391.0	1 335.9	2 687.5
202	Dairy products	136.0	3 694.8	83.5	176.0	2 022.7	13 864.9	36 961.8	49 852.7	854.8	2 382.1
203	Preserved fruits and vegetables	215.9	4 572.2	180.5	354.9	3 358.5	22 042.6	24 845.3	46 806.1	1 620.2	8 428.2
204	Grain mill products	102.7	3 125.6	70.6	151.7	1 986.0	19 634.5	27 281.2	47 110.6	1 277.7	2 662.7
205	Bakery products	206.9	5 278.3	126.6	251.9	2 681.6	16 451.6	10 105.6	26 536.8	948.4	927.3
206	Sugar and confectionery products	91.8	2 328.4	72.9	143.1	1 802.1	10 107.2	11 690.3	21 958.5	636.2	3 273.2
207	Fats and oils	28.0	743.6	16.6	39.7	446.8	3 614.8	14 911.4	18 735.4	376.3	1 513.9
208	Beverages	144.9	4 591.8	73.0	145.1	2 221.1	26 636.3	27 910.1	54 610.2	1 444.9	5 248.3
209	Miscellaneous food and kindred products	156.4	3 317.7	114.0	222.8	1 984.7	14 915.3	17 755.4	32 597.8	867.6	2 830.9
21	Tobacco products	36.9	1 819.8	29.6	53.6	966.1	24 484.4	7 551.4	32 031.7	405.3	6 482.7
211	Cigarettes	26.9	1 224.0	19.5	35.1	828.4	22 206.8	4 902.4	27 111.0	341.9	5 734.0
212	Cigars	2.7	51.3	2.1	3.9	32.9	200.8	110.0	311.5	3.9	62.2
213	Chewing and smoking tobacco	3.2	88.0	2.1	4.0	46.7	1 202.8	394.5	1 601.7	14.3	180.7
214	Tobacco stemming and redrying	7.1	156.8	5.0	10.4	86.1	871.1	2 144.5	3 007.5	45.2	515.7
22	Textile mill products	587.9	11 374.8	515.2	1 066.9	6 615.9	26 625.0	38 752.5	65 706.9	2 109.4	8 184.1
221	Broaderoven fabric mills, cotton	65.9	1 240.4	56.6	122.8	1 025.1	2 480.1	3 191.5	5 694.6	180.9	672.5
222	Broaderoven fabric mills, manmade fiber and silk	78.3	1 600.0	66.5	141.6	1 229.5	3 550.5	4 755.9	6 315.2	331.9	1 065.7
223	Broaderoven fabric mills, wool	16.3	295.7	13.2	28.3	26.9	704.9	1 000.0	1 804.4	20.0	280.0
224	Nonwoven fabric mills	16.1	290.5	12.9	28.2	26.9	687.9	1 000.0	1 247.6	20.0	180.0
225	Nonwoven fabric mills, except wool	181.0	3 028.2	268.9	326.7	2 248.9	245.9	448.8	448.8	448.8	448.8

CURRENT INDUSTRIAL REPORT (CIR), SERIES MQ28B, FERTILIZER MATERIALS**Table 2. PRODUCTION, SHIPMENTS, CONSUMPTION AND STOCKS OF FERTILIZER MATERIALS**

(Short tons)

Product code	Product description	Fourth quarter 1992			Third quarter 1992			Fourth quarter 1991		
		Quantity produced	Quantity shipped	Stocks held at producing companies ¹	Quantity produced	Quantity shipped	Stocks held at producing companies ¹	Quantity produced	Quantity shipped	Stocks held at producing companies ¹
28731 31	Ammonia:									
28731 30	Synthetic, anhydrous (100%)	4,517,578	(X)	*1,417,009	4,261,523	(X)	*963,726	4,199,200	(X)	1,255,043
28731 32	Fertilizer use	4,012,181	(X)	1,281,690	3,802,815	(X)	841,081	3,799,600	(X)	1,162,051
	Other uses	*505,395	(X)	(S)	*458,708	(X)	(S)	399,600	(X)	*92,992
28731 50	Ammonium nitrate (100%):									
28731 52	Original solution ²	*1,915,113	(X)	*229,935	*1,865,758	(X)	*220,034	1,883,000	(X)	*253,806
28731 54	Solution produced for sale as such for direct application	50,100	(X)	*2,352	74,655	(X)	(S)	61,000	(X)	1,958
	Solution produced for consumption in the manufacture of nitrogen solutions or other fertilizer materials	*863,934	(X)	*71,401	*788,535	(X)	*59,674	876,600	(X)	70,598
28731 51	Solid	*524,535	(X)	*118,729	*451,413	(X)	*75,485	538,300	(X)	161,385
28731 53	Explosives and other uses	(S)	(X)	(S)	(S)	(X)	(S)	402,400	(X)	(S)
28731 57	Ammonium sulfate (100%)	589,096	(X)	212,251	592,419	(X)	187,478	545,900	(X)	186,581
28731 58	Synthetic	(D)	(X)	(D)	(D)	(X)	(D)	(D)	(X)	(D)
28731 58	Byproduct ³	(D)	(X)	(D)	(D)	(X)	(D)	(D)	(X)	(D)
28731 86	Nitrogen solutions, including mixtures (100% N)	857,173	(X)	345,227	808,989	(X)	396,386	795,400	(X)	328,464
28731 87	Ammonium nitrate/urea solutions	*820,938	(X)	*325,387	*760,403	(X)	*377,995	782,200	(X)	309,684
28731 85	All other (including solutions containing ammonia)	36,235	(X)	19,840	48,586	(X)	18,391	24,100	(X)	18,780
28731 11	Nitric acid (100%) ⁴	*2,014,564	(X)	(X)	*1,967,871	(X)	(X)	1,897,700	(X)	(X)
28732 —	Urea (100%)	2,111,270	(X)	489,309	1,913,119	(X)	357,787	1,975,600	(X)	411,207
28732 16	Fertilizer use:									
	Solutions produced as intermediate in nitrogen solutions	*695,133	(X)	(D)	*653,321	(X)	(D)	674,100	(X)	(D)
28732 18	Solid	1,160,788	(X)	395,038	1,029,360	(X)	275,001	1,101,900	(X)	328,570
28732 21	Other uses:									
28732 22	Feed (solid and solution)	66,000	(X)	10,734	56,886	(X)	7,954	82,400	(X)	4,931
	All other (solid and solution)	189,371	(X)	(D)	173,752	(X)	(D)	137,200	(X)	(D)
28741 81	Phosphoric acid (100% P ₂ O ₅)	3,215,102	1,150,903	303,545	3,154,022	1,048,620	264,381	3,072,500	1,199,715	245,455
28741 85	Thermal	94,582	32,484	13,116	75,407	37,798	13,865	99,000	41,505	*19,207
	Wet	3,120,520	1,118,419	290,429	3,078,615	1,010,824	250,518	2,973,500	1,158,210	226,248
28741 86	By use:									
28741 87	Fertilizer	2,895,330	(X)	(D)	2,878,031	(X)	(D)	2,769,500	(X)	(D)
	Feed and other	225,190	(X)	(D)	202,584	(X)	(D)	204,000	(X)	(D)
28741 88	By grade:									
28741 89	Ortho (less than 65% P ₂ O ₅)	2,838,458	(X)	241,008	2,792,466	(X)	204,696	2,646,500	(X)	156,004
	Super (more than 65% P ₂ O ₅)	282,062	(X)	49,421	286,149	(X)	45,820	327,000	(X)	70,244
28742 —	Superphosphate and other phosphatic fertilizer materials: ⁵									
	Gross weight	5,076,490	(X)	849,159	4,861,979	(X)	664,701	4,915,012	(X)	700,720
	Nitrogen content	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
	Phosphoric oxide content (100% P ₂ O ₅)	2,346,510	2,251,625	(X)	2,241,795	2,277,579	(X)	2,265,400	2,191,200	(X)
28742 15	Normal and enriched: ⁶									
	Gross weight	*65,802	(X)	*25,695	*47,819	(X)	*30,985	*62,105	(X)	*25,693
	Nitrogen content	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
	Phosphoric oxide content (100%	*12,171	(X)	(X)	(D)	(D)	(D)	10,800	(X)	(X)
28742 41		554,460		54,579		(X)		716		*20

Wholesale and Retail Trade

The 1992 Census of Wholesale Trade covered establishments with paid employees (those without paid employees were not included in the census), primarily engaged in selling merchandise (or acting as agents or brokers for others selling merchandise) to retailers; construction contractors; industrial, commercial, institutional, farm, or professional business users; or to other wholesalers. The 1992 census had 38 questionnaires tailored to particular industries.

The 1992 Census of Retail Trade dealt with establishments primarily engaged in selling merchandise for personal or household consumption, and in providing services incidental to the sale of those goods. Federal administrative records served as a source of information on small retail firms for the census, but 48 report forms, tailored to each industry, were mailed to establishments with four or more paid employees.

The censuses of wholesale and retail trade collected and published data on the following SIC groups of particular interest to agriculture census data users:

SIC	Description
<i>Wholesale Trade</i>	
Detailed Industry 5083	Farm and Garden Machinery and Equipment
Industry Group 514	Groceries and Related Products (nine four-digit industries: 5141 Groceries, General Line 5142 Packaged Frozen Foods 5143 Dairy Products, Except Dried or Canned 5144 Poultry and Poultry Products 5145 Confectionery 5146 Fish and Seafoods 5147 Meats and Meat Products 5148 Fresh Fruits and Vegetables 5149 Groceries and Related Products, Not Elsewhere Classified)
Industry Group 515	Farm-Product Raw Materials (three four-digit industries: 5153 Grain and Field Beans 5154 Livestock 5159 Farm-Product Raw Materials, Not Elsewhere Classified)
Detailed Industry 5191	Farm Supplies
Detailed Industry 5194	Tobacco and Tobacco Products
<i>Retail Trade</i>	
Detailed Industry 5261	Retail Nurseries, Lawn and Garden Supply Stores
Industry Group 598	Fuel Dealers (three four-digit industries: 5983 Fuel Oil Dealers 5984 Liquefied Petroleum Gas (Bottled Gas) Dealers 5989 Fuel Dealers, Not Elsewhere Classified)
Detailed Industry 5992	Florists

The wholesale and retail trade census publication programs have equivalent report series (no preliminary or advance reports were issued for the 1992 census), as follows:

- *Geographic Area Series*, WC92-A-1 to -52 (wholesale trade), □ * ■ ⊗ ⊙ ■ + ♠ and RC92-A-1 to -52 (retail trade) □ * ■ ⊗ ⊙ ■ + ♠. These series have separate reports for the United States, States, and the District of

Columbia. The wholesale trade reports show basic data on number of establishments, sales, payroll, employment, inventory, and operating expenses. The retail trade reports offer basic statistics on kind of business, and limited information for 10 major kind-of-business groups for all counties and incorporated places with 2,500 inhabitants or more.

- *Subject Series*, □ * ■ +. WC92-S-1 to -5 (wholesale trade) and RC92-S-1 to -5 (retail trade). This series presents statistics on particular subjects. Parallel reports are issued for each census, as follows:

1, *Establishment and Firm Size (Including Legal Form of Organization)*

2, *Measures of Value Produced, Capital Expenditures, Depreciable Assets, and Operating Expenditures*

3, *Commodity Line Sales—United States (wholesale trade); Merchandise Lines Sales—United States (for the retail trade census)*

4, *Commodity Line Sales—United States, Selected States, and Selected Metropolitan Areas (wholesale trade); Merchandise Line Sales—States and MA's (for the retail trade census) (⊙ ⊗ + only)*

5, *Miscellaneous Subjects*

Current Wholesale Trade and Retail Trade Statistics. The Census Bureau carries out monthly and annual surveys of wholesale and retail trade and publishes estimates in an advance series (retail trade only—*Advance Monthly Retail Sales*, series CB □ ■ + (subscription or single copies) *FFax*, and two report series—*Monthly Wholesale Trade: Sales and Inventories*, series BW, and *Monthly Retail Trade: Sales and Inventories*, series BR, □ (subscription * or single copies +) ■ + ♠ [narrative summary available *FFax*]; and *Annual Wholesale Trade*, series BW, and *Annual Retail Trade*, series BR □ (part of the monthly subscription * or single copies +) ■ +. The CB report series presents advance estimates of sales by kind-of-business groups at the national level only. It includes seasonally adjusted estimates and percentage changes for major kind-of-business groups for the current month, preliminary and final estimates for the two preceding months, and final estimates of the same two months for the previous year. The monthly retail (BR) series presents summary estimates for regions, census divisions, 19 States, and 28 MA's, while the annual retail, and both wholesale, series show national-level estimates for selected three-digit-SIC kinds of business for volume of sales, end-of-month/year inventories, and stock/sales ratios, with percentage changes, estimated dollar volume, seasonal adjustment factors, and estimates of the sampling errors and variability of the data. The annual reports include data on purchases and method of inventory valuation, as well as comparable totals from the previous year, together with year-to-year percentage changes.

TABLE FROM THE 1987 CENSUS OF RETAIL TRADE, GEOGRAPHIC AREA SERIES**Table 5. Summary Statistics for Counties and for Places With 2,500 Inhabitants or More:**

[Includes only establishments with payroll. For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1982 and 1987 censuses, including

Geographic area	Estab- lish- ments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	First quarter payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Unincorporated businesses		Kind-of-business groups					
						Individual proprie- torships (number)	Partners- hips (number)	Building materials and garden supplies stores (SIC 52)		General merchandise stores (SIC 53)		Food stores (SIC 54)	
								Number	Sales (\$1,000)	Number	Sales (\$1,000)	Number	Sales (\$1,000)
1 Ohio	63 025	63 190 793	7 434 250	1 733 453	804 182	17 845	3 167	3 017	3 234 892	1 454	8 346 889	8 129	12 976 848
2 Adams County	113	85 613	8 803	1 555	788	66	14	12	6 956	8	6 027	12	18 742
3 West Union	32	39 478	3 086	685	324	17	4	3	3 145	3	(D)	3	(D)
4 Balance of county	81	46 135	3 717	870	444	49	10	9	3 811	5	(D)	9	(D)
5 Allen County	788	800 805	87 166	20 390	9 930	258	54	33	41 566	24	145 294	82	143 121
6 Bluffton (part) ▲	34	(D)	(D)	(D)	(D)	17	4	1	(D)	2	(D)	5	(D)
7 Delphos (part) ▲	63	31 172	3 404	737	438	23	13	3	(D)	1	(D)	10	(D)
8 Fort Shawnee	29	24 640	2 868	693	260	11	-	2	(D)	1	(D)	3	(D)
9 Lima	315	244 388	29 315	6 861	3 276	125	20	9	12 886	6	28 886	29	51 783
10 Balance of county	347	(D)	(D)	(D)	(D)	82	17	18	24 219	14	110 226	35	70 814
11 Ashland County	240	200 457	22 254	5 349	2 422	103	24	8	8 213	8	13 746	31	48 108
12 Ashland	147	149 229	17 046	4 178	1 813	55	9	3	(D)	4	(D)	20	34 054
13 Loudonville (part) ▲	43	(D)	(D)	(D)	(D)	22	9	2	(D)	2	(D)	4	6 720
14 Balance of county	50	(D)	(D)	(D)	(D)	26	6	3	2 657	2	(D)	7	7 334
15 Ashtabula County	579	488 124	49 482	11 312	5 905	215	27	28	21 478	20	60 990	81	108 171
16 Ashtabula	233	151 785	18 952	4 447	2 340	89	9	12	13 575	8	18 984	29	22 261
17 Conneaut	95	935	7 112	1 810	910	6	6	6	(D)	4	(D)	21	21 052
18 Geneva	10	5 128	2 899	590	590	3	3	3	(D)	1	(D)	15	491

TABLE FROM THE 1987 CENSUS OF WHOLESALE TRADE, GEOGRAPHIC AREA SERIES**Table 6. Summary Statistics for Places With 200 Establishments or More: 1987—Con.**

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms and comparability of 1982 and 1987 censuses, including revised methodology for presenting establishment counts, see appendix A. For information on geographic areas followed by ▲, see appendix F.]

1987 SIC code	Geographic area and kind of business	Estab- lish- ments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Merchant wholesalers				Other operating types	
						Estab- lish- ments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Estab- lish- ments (number)	Sales (\$1,000)
	SHREVEPORT ▲—Con.										
50	Durable goods—Con.										
507	Hardware, and plumbing and heating equipment and supplies	36	87 578	7 781	315	30	51 634	5 562	250	6	35 944
5072	Hardware	10	42 144	3 168	108	5	(D)	(D)	(D)	5	(D)
5074	Plumbing and heating equipment and supplies (hydronics)	11	18 542	1 707	88	11	18 542	1 707	88	-	-
5075	Warm air heating and air-conditioning equipment and supplies	12	25 337	2 744	111	11	(D)	(D)	(D)	1	(D)
5078	Refrigeration equipment and supplies	3	1 555	162	10	3	1 555	162	10	-	-
508	Machinery, equipment, and supplies	143	205 155	24 783	1 178	108	151 307	20 160	1 008	35	53 848
5082	Construction and mining (except petroleum) machinery and equipment	5	(D)	(D)	(D)	4	(D)	(D)	(D)	1	(D)
5083	Farm and garden machinery and equipment	2	(D)	(D)	(D)	2	(D)	(D)	(D)	-	-
5084	Industrial machinery and equipment	92	118 649	12 581	583	61	71 401	8 286	424	31	45 448
5085	Industrial supplies	23	51 778	8 039	370	21	(D)	(D)	(D)	2	(D)
5087	Service establishment equipment and supplies	19	15 923	2 131	136	18	(D)	(D)	(D)	1	(D)
5088	Transportation equipment and supplies, except motor vehicles	2	(D)	(D)	(D)	2	(D)	(D)	(D)	-	-
509	Miscellaneous durable goods	21	54 736	2 607	189	20	(D)	(D)	(D)	1	(D)
5091	Sporting and recreational goods and supplies	3	(D)	(D)	(D)	3	(D)	(D)	(D)	-	-
5092	Toys and hobby goods and supplies	1	(D)	(D)	(D)	1	(D)	(D)	(D)	-	-
5093	Screening and related equipment	8	(D)	(D)	(D)	8	(D)	(D)	(D)	-	-

1992 Economic Census of the Outlying Areas

The Agriculture Division was responsible for conducting the 1992 Economic Census in Puerto Rico, Guam, the U.S. Virgin Islands, and the Commonwealth of the Northern Mariana Islands. The census operation in all these areas included enumeration of all establishments with employees engaged in wholesale trade, retail trade, services, construction, and manufacturing. The data were collected during the spring and summer of 1993 for the previous calendar year. The data reports included statistics on number of establishments with payroll, number of employees, number of working partners, sales and receipts, and (for some industries) selected production expenses. The results were published as follows:

Puerto Rico, Series OA92-E-1 through -4, *Wholesale Trade, Retail Trade, and Service Industries: Geographic Area Statistics*, OA92-E-1 □ * ○ +. Presents data for Puerto Rico as a whole, for commercial regions, and municipios. *Construction Industries*, OA92-E-2 □ * ○ +, shows industry, geographic area (for the Commonwealth and selected municipios), and summary statistics. *Manufactures*, Series OA92-E-3 □ * ○ +, shows data for Puerto Rico, MA's, and municipios. *Commodity and Merchandise Line Sales*, OA92-E-4 □ * ○ +, presents data for Puerto Rico, MA's, PMSA's, and municipios.

Virgin Islands of the United States, Series OA92-E-5, *Construction Industries, Manufactures, Wholesale Trade, Retail Trade, Service Industries*, □ * ○ . Displays statistics for the territory as a whole, the island of St. Croix, the islands of St. John and St. Thomas combined, and for major towns.

Guam, Series OA92-E-6, *Construction Industries, Manufactures, Wholesale Trade, Retail Trade, Service Industries*, □ * ○ +. Presents statistics for Guam and for election districts.

Northern Mariana Islands, Series OA92-E-7, *Construction Industries, Manufactures, Wholesale Trade, Retail Trade, Service Industries*, □ * ○ +. Contains data for the Commonwealth as a whole, and for the four major municipalities.

1992 Census of Finance, Insurance, and Real Estate (FIRE)

The 1992 Census of Finance, Insurance, and Real Estate (FIRE) collected data on firms engaged in financial operations (banks, savings and loan establishments, mortgage companies, and so on), insurance, and real estate management and sales. Publication plans include five reports:

- *United States Summary*, FC92-1, □ * ■ ○ +. Shows summary data on number of establishments by type, dollar value of receipts and operating expenses, source

of receipts, and payroll and employment, for the United States and States, as well as ratios for the United States, States, and selected metropolitan areas.

- *Nonemployers*, FC92-2, □ * ■ ○ +. This report contains four tables with summary statistics and revenue size data for nonemployer establishments for the United States and States.
- *Establishment and Firm Size*, FC92-3, □ * ■ ○ +. Includes seven tables with United States data on revenue size and number of establishments, employment size for single- and multiunit companies, revenue size of firms, employment by firms, legal form of organization, and measures of concentration of activities in the largest firms.
- *Revenue Lines*, FC92-4, □ * ■ ○ +. The report shows data on revenue lines by kind of business, kind of business by broad revenue lines, and revenue coverage by kind of business, for the United States.
- *Miscellaneous*, FC92-5, □ * ■ ○ +.

Transportation Statistics

The 1992 Census of Transportation, Communications, and Utilities covered establishments with paid employees primarily engaged in motor freight transportation and public warehousing, water transportation, transportation services, point-to-point communication services (including telephone and cellular and radio telephone systems, beeper systems, telegraph, radio/TV broadcasting, and cable or other paid TV services), and selected utilities (generation, transmission, or distribution of electricity, gas, or steam; water and irrigation systems; and sanitary services). The census data are published in two reports:

- *1992 Census of Transportation, Communications, and Utilities, Geographic Area Series*, TCU92 A-1, □ * ■ +. Shows final data from selected transportation, communications, and utility industries for the United States, each State, and selected MA's on number of establishments, payroll, revenues by source, and employment.
- *1992 Census of Transportation, Communications, and Utilities, Miscellaneous Subjects*, series TCU92-S-2, □ * ■ +.

The 1992 Truck Inventory and Use Survey (TIUS)

covered the characteristics and uses of trucks in the United States and in each of the 50 States and the District of Columbia. It collected data from a sample of truck owners registered in each State and the District of Columbia. The statistics are published in a series of reports, one for the United States, each State, and the District of Columbia.

- *1992 Truck Inventory and Use Survey*, TC92-T-1 to -52, □ * ■ ○ +. Presents information on the characteristics and use of commercial and private trucks. Statistics

include the number of vehicles, major use, annual mileage, model year, body type, vehicle size class, type of fuel, maintenance, classification of operator, whether the vehicle is equipped to transport hazardous material, fuel conservation equipment, braking system, and other vehicle equipment.

The 1993 Commodity Flow Survey (CFS) collected data on the ZIP Code origin and destination of commodities shipped from manufacturing and mineral industries establishments; five-digit Standard Transportation Commodity Classification (STCC) code; and weight, value, and modes of transport from selected wholesale, retail, and services establishments, including some information on containerization, shipments for export (e.g., by port of export, mode of transportation, and city and country of destination), and the movements of hazardous materials.

- *1993 Commodity Flow Survey*, TC93-C □ * ■ □ +, shows statistics on the origin and destination of commodities shipped from manufacturing, mining, selected retail and wholesale trade, and service establishments; shipment size (including tons); distance shipped (miles); ton-miles of commodities transported; and mode of transportation; by State and national transportation analysis region. (Some detail data are aggregated to protect confidentiality of responses, or data-quality levels.)

Current transportation statistics. The Bureau annually surveys motor freight transportation and warehousing, publishing the data collected in *Motor Freight Transportation and Warehousing Survey*, series BT, □ *. The reports show national-level estimates of annual operating revenues, and selected operating expenses with comparable data for the preceding year and year-to-year percentage changes.

Enterprise Statistics Program

The enterprise statistics program reorganizes census data for individual establishments under common company ownership to show the economic characteristics of the owning or controlling firms. Each company covered in one of the economic censuses is classified in an enterprise industry category, a grouping of four-digit SIC industries adapted to produce company-aggregate data. The program data are published in *Company Summary*, series ES92-1, □ * ■ □ +, which shows data for the United States and the 50 States for large companies (those with 500 employees or more) covered by the economic censuses, by enterprise industry categories—retail and wholesale trades, service, construction, mineral, manufacturing, and transportation industries. There also are data for separately operated central administrative offices and other

auxiliary establishments³ of multiestablishment firms, by principal industrial activity of the operating establishment being serviced, by type of service provided, and by employment. The report includes data on the number of establishments, number of employees, annual payroll, sales and receipts, capital expenditures, inventory information, and, in some cases, value of fixed assets, operating expenses, and research and development costs.

1992 Survey of Minority-Owned Business Enterprises (SMOBE)

The SMOBE collected basic economic data on businesses owned by Blacks, persons of Hispanic origin, Asian and Pacific Island Americans, American Indians, and other minority populations, using a sample derived from Social Security Administration (SSA) records and from a mail canvass of a sample of business firms. The published data cover sole proprietorships, partnerships, and Subchapter S corporations, but excludes regular corporations. The Bureau tabulated and published the survey data in the *1992 Economic Census, Survey of Minority-Owned Business Enterprises*, series MB92-1 (*Black*), -2 (*Hispanic*), -3 (*Asian Americans, American Indians, and Other Minorities*), and -4 (*U.S. Summary*) □ * ■ □ +. The reports show data for the United States, States, the District of Columbia, and those MA's, counties, or places with 100 or more minority-owned firms. (The CD-ROM file does not have the 100-firm minimum requirement for county data.) National-level data include general statistics by two-digit SIC, legal form of organization, receipt size, and employment size. State and MA data are limited to general statistics for broad economic sectors (including one for agricultural services, forestry, fishing, and mining—agricultural production is not covered in any SMOBE report). Data for counties and places do not have industry detail.

1992 Survey of Women-Owned Businesses (WOB)

The overall design of this survey was similar to the SMOBE, except that it used only the SSA records' sex code to identify women-owned businesses. *1992 Economic Census, 1992 Survey of Women-Owned Businesses*, series WP92-1 □ *, ■ □ +, shows statistics for the United States, States, the District of Columbia, and MA's, counties, and places with 100 or more women-owned firms. The various tabulations correspond exactly to those in the MB92 reports.

³An "auxiliary" is an establishment primarily engaged in providing supporting services for other establishments of the same company (e.g., its mines, factories, retail stores, etc.), rather than for the general public or for other business firms. Auxiliaries include such activities as research, development, and testing laboratories of manufacturing firms; general administration; supervision; purchasing; accounting; central warehouses for the company; merchandise; central garages; milk receiving stations; sales promotion offices; and so on. Sales branches and sales offices of manufacturing and mining companies are not classified as auxiliaries, but as wholesale trade establishments.

1992 Characteristics of Business Owners Survey (CBO)

The CBO used a subsample of the 1992 Surveys of Minority-Owned and Women-Owned Businesses to collect demographic and additional economic data. The national-level demographic and financial characteristics for Black, Hispanic, other minority (including Asian American and American Indian), women, and nonminority male business owners and their businesses appear in *1992 Economic Census, Characteristics of Business Owners*, series CBO92-1 □ *, □ □ +. The report includes owner characteristics (e.g., age, marital status, educational background, work experience, veteran status, etc.), acquisition and financing (year and method by which business was acquired, whether based at home, starting capital requirements, and so on), and business operations (net income, percent women employees, percent minority employees, and percent minority customers).

County Business Patterns (CBP)

The annual County Business Patterns program publishes intercensal economic statistics for States and counties on virtually all parts of the economy except farming, railroads, employment on ocean-going vessels or in foreign countries, and government. Agricultural services are included.

The data in the CBP reports represent types of employment covered by the Federal Insurance Contributions Act (FICA). The Census Bureau obtains the data from a variety of sources, including Federal administrative records, an annual company organization survey, and the censuses (during census years). The published reports show statistics at the four-digit SIC code level for the United States, and at two-, three-, and four-digit levels for States and counties (depending on the magnitude of employment). Basic data items shown include the number of establishments, mid-March employment, and first-quarter and annual payrolls. The principal report series is *County Business Patterns*-[year], □ * □ □ □ □ +. A report is issued for the United States, each State, the District of Columbia, and Puerto Rico. The U.S. report has State totals as well as national data, together with the number of auxiliary establishments for the Nation, with their number of employees and payroll.

Three files are available from the CBP program on computer tape, diskette, and CD-ROM: *a United States Summary*, with detailed industry data at the national level; *File 1B* contains summaries for States and census geographic divisions; and *File 2*, summaries for counties. These files contain both published and unpublished data for four-digit SIC industries at the national level, for States, and counties. Two-digit SIC data for most MA's are available for most years from 1988 on. □ +

TABLE FROM 1991 COUNTY BUSINESS PATTERNS

COUNTY BUSINESS PATTERNS

NEVADA 21

Table 2. **Counties—Employees, Payroll, and Establishments, by Industry: 1991**

[Excludes most government employees, railroad employees, and self-employed persons. Size class 1 to 4 includes establishments having payroll but no employees during mid-March pay period. (D) denotes figures withheld to avoid disclosing data for individual companies. For explanation of terms, statement on reliability, and comparability with other data, see introductory text.]

107. Service figures were used to avoid disclosing data for individual companies. For explanation of terms, statement on rounding, and interpretation of data, see page 106.														
SIC code	Industry	Number of employees for week including March 12	Payroll (\$1,000)		Total number of establish- ments	Number of establishments by employment-size class								
			First quarter	Annual		1 to 4	5 to 9	10 to 19	20 to 49	50 to 99	100 to 249	250 to 499	500 to 999	1,000 or more
	CHURCHILL													
	Total	3 364	13 374	66 742	420	250	38	62	21	3	6	-	-	-
	Agricultural services, forestry, and fishing ..	(B)	(D)	(D)	6	3	2	1	-	-	-	-	-	-
	Mining	(C)	(D)	(D)	4	3	-	-	-	-	1	-	-	-
10	Metal mining	(C)	(D)	(D)	2	1	-	-	-	-	1	-	-	-
104	Gold and silver ores	(C)	(D)	(D)	2	1	-	-	-	-	1	-	-	-
1041	Gold ores	(C)	(D)	(D)	2	1	-	-	-	-	1	-	-	-
	Construction	369	1 577	7 735	83	43	9	8	2	1	-	-	-	-
15	General contractors and operative builders	(B)	(D)	(D)	16	11	5	2	-	-	-	-	-	-
16	Heavy construction, except building	(B)	(D)	(D)	8	4	1	2	1	-	-	-	-	-
162	Heavy construction, except highway	(B)	(D)	(D)	4	2	-	1	1	-	-	-	-	-
17	Special trade contractors	211	735	3 395	37	28	3	4	1	1	-	-	-	-
	Manufacturing	(C)	(D)	(D)	12	7	3	1	-	-	1	-	-	-
33	Primary metal industries	(C)	(D)	(D)	1	-	-	-	-	-	1	-	-	-
339	Miscellaneous primary metal products	(C)	(D)	(D)	1	-	-	-	-	-	1	-	-	-
3399	Primary metal products, n.e.c.	(C)	(D)	(D)	1	-	-	-	-	-	1	-	-	-
	Transportation and public utilities	117	-	165	25	4	2	-	-	-	-	-	-	-

Quarterly Financial Reports (QFR's)

This program uses a probability sample of approximately 11,000 corporations (7,900 manufacturing, 1,700 wholesale, 950 retail, and 450 mining) to provide aggregated national-level statistics on U.S. corporations. The estimates include income, assets, liabilities, stockholders' equity, and related financial and operating ratios, classified by industry and asset size. This is the only Census Bureau program collecting profit and loss information.

- *Quarterly Financial Report for Manufacturing, Mining, and Trade Corporations (QFR)*, (subscription * or single copies +) [] [] + [] FFax.

Governments

The 1992 Census of Governments. The Census Bureau canvasses governments every 5 years, for years ending in "2" and "7," to collect financial and employment data on thousands of Federal, State, county, municipal, and town or township governments, as well as such specialized units as school districts (dependent and independent), water districts, and so on. This program covers the 50 States, the District of Columbia, and Puerto Rico. The statistics are published in report series for each of five major subject fields: Organization, taxable property values, employment, finances, and topical studies.

- *Government Organization*, GC92-(1), [] * [] +. In two parts: Part 1, *Government Organization*; and Part 2, *Popularly Elected Officials*. A list of all local government units identified in the census (over 80,000), by name and address, is available +.
- *Taxable Property Values*, GC92-(2), [] * [] +.
- *Public Employment*, GC92-(3), [] * [] [] +. In four parts: 1, *Employment of Major Local Governments*; 2, *Compendium of Public Employment*; 3, *Labor-Management Relations*; and 4, *Government Costs for Employee Benefits*.
- *Governmental Finances*, GC92-(4), [] * [] [] +. In six parts: 1, *Finances of School Districts*; 2, *Finances of Special Districts*; 3, *Finances of County Governments*; 4, *Finances of Municipal and Township Governments*; 5, *Compendium of Government Finances*; and 6, *Employment Retirement Systems of State and Local Governments*.
- *Topical Studies*, GC92-(5), [] * [] +. In four parts: 1, *Historical Statistics of Governmental Finances*; 2, *State Payments to Local Governments*; 3, *Governmental Statistics for Puerto Rico*; and 4, *Graphic Summary*.

Current governments statistics. The Census Bureau publishes several periodic data series on various governmental activities and operations, including annual reports on government employment, finances, finances of selected

public employee retirement systems, quarterly summaries of State and local tax revenue, and special studies. The following products may be of special interest to agriculture data users:

- *Consolidated Federal Funds Report, Fiscal Year [year]*, [] * [] [] +. This annual report contains data on Federal Government expenditures and obligations, in two volumes: 1, *County Areas*, with statistics for the United States, the District of Columbia, counties or their equivalents, Puerto Rico and municipios, and the outlying areas (American Samoa, Guam, the Northern Mariana Islands, and the U.S. Virgin Islands); and 2, *Subcounty Areas*, with information for the United States, States, counties and subcounty areas (i.e., municipalities and towns or townships), Puerto Rico and municipios, and the outlying areas. The report shows data on Federal expenditures and obligations for grants; salaries and wages; procurement contracts; direct payments for individuals; direct, guaranteed, or insured loans; insurance; and total direct spending on defense and nondefense functions. Dollar amounts reported are actual expenditures or obligations, by program identification title and codes and object/assistance type codes. Computer tape fields add associated geographic codes, 1990 census population counts, and the U.S. congressional district code for each governmental unit.
- *Federal Expenditures by State for Fiscal Year [year]*, [] * [] +, is similar in content to the consolidated report, but contains less geographic detail. Grants data represent actual *outlays* rather than obligations, and are shown by program.
- *Federal Assistance Award Data System*, [] +, is a quarterly tape file containing data for the United States, States, counties, and places on Federal domestic financial assistance programs, including grants and payments to State and local governments; direct, guaranteed, and insured loans to individuals, small businesses, and other recipients; direct payments for specified or unrestricted uses (e.g., pensions or veterans' benefits); and insurance or other types of assistance.

Foreign Trade

General information. Agricultural products are a crucial part of the U.S. foreign trade. The Census Bureau collects and tabulates a wide range of import and export data and publishes a variety of summary and detailed reports. Export data generally are shown by commodity class, net quantity, destination (i.e., country or world area), U.S. customs district of export, method of transportation, and month of export. Import data include commodity by net quantity, dutiable status and rate, country and world area of origin, U.S. customs district of entry, method of transportation, and month of import. Unfortunately, there is no universally accepted system of commodity classification in international trade, and the import/export reports must

offer data based on those systems in most common use. Thus separate reports present the same basic data based on one of several classification systems—the SIC code, the United Nations' Standard International Trade Classification (SITC), or the Harmonized Commodity Description and Classification System (HS). In addition, export data are shown using the Statistical Classification of Commodities Exported from the United States (referred to as "Schedule B"), which is based on the revised Tariff Schedules of the United States Annotated (TSUSA), both of which contain detailed classifications that increase comparability with the SIC code.

Nevertheless, the import/export reports show the most detailed commodity breakdowns of any Census Bureau statistical series, with data on approximately 8,000 export and 14,000 import commodities. The annual FT 447, *U.S. Exports, Schedule B—Commodity by Country* report, for example, shows volume (usually in kilograms) and value (in thousands of dollars) of annual exports by 10-digit Schedule B commodity codes for 13 separate categories of rice exports, ranging from "Rice in the Husk (Paddy or Rough)" (Schedule B code 1006100000), through "Rice Semi/Wholly Milled NESOI [not elsewhere specified or included] Medium Grain" (1006309020), to "Rice Broken" (1006400000). For imports, the annual FT 247, *U.S. Imports for Consumption and General Imports—Harmonized TSUSA Commodity by Country of Origin* □ ■ # (available from Foreign Trade Division), presents similar data for 28 categories of tobacco (as well as 21 *more* categories of tobacco products, including "Tobacco Refuse" (HS nine-digit code 240309000)).

Summary Reports—

- FT900, *U.S. Merchandise Trade*. □ + ■ . Monthly press release.
- FT900 Supplement, *U.S. Merchandise Trade*. □ + ■ . Monthly.
- FT 920, *U.S. Merchandise Trade: Selected Highlights*. □ +.
- FT 895, *U.S. Trade with Puerto Rico and U.S. Possessions*. □ * ■ +. Monthly and annual.
- *U.S. General Exports and Imports by State of Origin*. (See FT 900 series above.) ■ . Monthly.
- *U.S. Exports, Imports, and Trade Balance by SIC*. (See FT 900 series above.) ■ . Monthly.

Detailed Foreign Trade Reports. (The "#" symbol identifies reports or series sold directly by the Bureau's Foreign Trade Division (FTD).)

- *CDIM [year], U.S. Imports of Merchandise*. ○ (subscription +). Monthly and annual.
- *CDEX-[year], U.S. Exports of Merchandise*. ○ (subscription +). Monthly and annual.

- FT 247, *U.S. Imports for Consumption and General Imports—Harmonized TSUSA Commodity by Country of Origin*. □ * ■ +. Annual.
- FT 447, *U.S. Exports—Schedule B Commodity by Country*. □ * ■ +. Annual.
- FT 925, *U.S. Merchandise Trade: Exports, General Imports, and Imports for Consumption: SITC Commodity by Country*. □ * ■ +. Monthly.
- FT 927, *U.S. Merchandise Trade: Exports and General Imports by Country (Standard International Trade Classification Revision 3, Country by Commodity)*. □ * +. Annual.
- FT 947, *U.S. Exports and Imports by Harmonized Commodity (6-digit Harmonized Commodity by Country)*. □ * ■ +. Annual.
- EM 545 Data Bank, *U.S. Exports of Domestic and Foreign Merchandise*. Monthly. Cumulative year to date ○ ■ +.
- EM 595 Data Bank, *U.S. Exports—...(HS-Based Schedule B)U.S. Virgin Islands) by Customs District (F.A.S. Value)*, ■ #. Monthly.
- IM 145 Data Bank, *U.S. General Imports of Merchandise and Imports of Merchandise for Consumption—International Harmonized System Commodity Classification (HTSUSA) (Customs and C.I.F. Value)* ○ #. Monthly.
- IM 145, *U.S. General Imports of Merchandise and Imports for Consumption*, □ #. Monthly.
- IM 146, *U.S. Imports for Consumption*, #. Monthly.
- IM 195, *U.S. General Imports of Merchandise from U.S. Possessions (Virgin Islands, Guam, American Samoa)... [HTUSA] Classification by Customs District of Entry (Customs Value)*, □ (printout) #. Monthly.

POPULATION AND HOUSING STATISTICS

General Information

The Census Bureau takes population and housing censuses every 10 years, for years ending in "0," to provide detailed demographic and socioeconomic information about the nation's people and their living quarters. The 1990 Census of Population and Housing is the latest of these; the publication program for the census is still underway and is producing statistics on the United States, census geographic regions and divisions, each of the 50 States and the District of Columbia, Puerto Rico, Guam, American Samoa, the Commonwealth of the Northern Mariana Islands, and the U.S. Virgin Islands.⁴ The published reports include

⁴The U.S. Census Bureau also conducted a concurrent census for the government of the Republic of Palau, formerly part of the Trust Territory of the Pacific Islands.

data for States, metropolitan areas, counties, cities, and various other political and statistical units down to the size of a city block or its equivalent, and in electronic form only, by postal ZIP Code.

The population and housing censuses are not directly concerned with collecting agricultural data, but the published demographic, socioeconomic, and housing statistics cover rural as well as urban areas and populations. Some data are obtained from "100-percent" questions (i.e., for every person and housing unit), while other statistics are estimated from responses obtained from a sample.

The Population and Housing Censuses

The 1990 census publication program has separate population (the CP series) and housing (CH series) printed reports, together with a combined population and housing (CPH) data series. The printed reports most likely to be of use to the general agriculture data user probably are the 1990 *Population and Housing Characteristics for Census Tracts and Block Numbering Areas*, series CPH-3 (one for each MA and one for each State covering the non-MA balance of the State, the District of Columbia, Puerto Rico, and the U.S. Virgin Islands), □ * ■ +, showing most 1990 census subjects for census tracts in MA's, and tracts or block numbering areas (BNA's) in the remainder of each State. Some tables provide data only for the "100-percent" subjects, while others show sample data tabulations. There are comparable reports for higher geographic levels in the CP and CH series (one per State, etc., and a U.S. summary for each series). For more information on the 1990 census publication program see the annual *Census Catalog and Guide*, □ *. The census statistics in the printed reports on paper or microfiche, and on CD-ROM are all derived from electronic public-use files. These files are widely available on tape or compact disc, either by direct purchase from the Census Bureau or through libraries, data centers, trade associations, or vendors who package census and other data for their customers. Extracts can be obtained on-line as well.

- *Summary Tape Files (STF's)*. The principal electronic data products for the census are the *Summary Tape Files (STF's)*, □ +. These are a series of computer tape files containing census tabulations at varying levels of detail. There may be only one reel of tape for a small State, such as New Hampshire, while the data for a larger State like California require several reels. Each STF consists of three or more types of files (identified by the letter suffix to each STF number), which vary primarily in the detail of tabulation. STF's A and B are released State-by-State, with differing geographic hierarchy. File C is a U.S. summary file that is released after all the State files have been published.⁵ The *STF 1* and *STF 2*

files provide 100-percent population and housing characteristics (such as age, race, sex, value, rent), at varying levels of geographic and subject detail.

STF 3 is probably the one that will be of most use to agriculture data users. It contains sample population and housing estimates (income, occupation, education, water source, farm residence), as well as the 100-percent data, for States and their subareas in hierarchical sequence down to the block-group level. File B also includes a tabulations by five-digit ZIP Code. *STF 4* also presents 100-percent and sample data, but with more subject detail than *STF 3*, down to the census tract/BNA level. *STF 3* and *STF 4* are also available on CD-ROM, and portions of 3A on microfiche (for Puerto Rico only) and online.

- *Public-Use Microdata Sample (PUMS)*, □ □ +. PUMS files offer researchers the opportunity to analyze and manipulate data collected for individual households. To avoid violating confidentiality, the Bureau rearranged the records as well as removed any information that would enable identification of a particular person, household, or housing unit. There were three PUMS files drawn from the 1990 census: A 1-percent sample had data for MA's and other large areas of 100,000 or more population, and a 5-percent sample displayed data for county groups, counties, county subdivisions, places, and selected groups of census tracts with more than 100,000 inhabitants. A 3-percent sample concentrated on the elderly population, with the same geographic detail as the 5-percent sample.
- *Topologically Integrated Geographic Encoding and Referencing (TIGER) System*, □ □ +. The Census Bureau used an automated data base, the TIGER system, to produce the 1990 census maps. The TIGER/Line™ files, which are extracts of this system, contain information for each geographic feature (e.g., the various individual segments that make up roads, railroads, rivers, etc.) such as geographic area codes, latitude/longitude coordinates of features and boundaries, and the name and type of each feature.
- *Equal Employment Opportunity (EEO) File*, series 1990 CP-5 □ * ■ □ + ■ [printouts available through SDC's (see ch. 4)]. The 1990 EEO file is based on civilian labor force data from the 1990 Decennial Census. The file contains two sets of tabulations, (1) 512 census occupations by sex, race, and Hispanic origin; and (2) educational attainment for selected age groupings by sex, race, and Hispanic origin. Tables cover the United States, States, the District of Columbia, all counties or their equivalents, MA's, CMSA's, PMSA's, all places with a population of 50,000 or more (both incorporated and census designated places), and all minor civil divisions with a population of 50,000 or more in selected States; Puerto Rico; and the Virgin Islands.

⁵Some STF's have additional geographic variations; for example, STF 1D presents data for congressional districts for the 103rd Congress.

TABLE FROM THE 1990 CENSUS OF POPULATION, SERIES CP-1, GENERAL POPULATION CHARACTERISTICS

Table 1. Summary of General Characteristics of Persons: 1990—Con.

(For definitions of terms and meanings of symbols, see text)

State Urban and Rural and Size of Place Inside and Outside Metropolitan Area County Place and [In Selected States] County Subdivision [1,000 or More Persons]	Percent of all persons								Persons 18 years and over— Males per 100 females	Percent of all persons		Persons in group quarters			
	All persons									In households		In group quarters	Total	Percent institu- tionalized	
										In fami- lies	Non- family house- holders and non- relatives of house- holder				
		Under 5 years	Under 18 years	18 to 24 years	25 to 44 years	45 to 64 years	65 years and over	80 years and over							
PLACE AND COUNTY SUBDIVISION— Con.								Median age							
Clayton town.....	2 484	7.0	28.1	6.2	24.5	20.5	20.7	6.5	37.6	84.7	83.1	14.7	2.2	55	100.0
Clovis city.....	30 954	8.5	29.7	10.7	30.3	17.1	12.3	3.0	30.4	89.4	85.8	13.2	1.0	305	97.0
Corrales village.....	5 453	6.8	26.8	5.9	35.4	22.8	9.0	1.6	33.9	95.4	87.1	12.9	—	—	—
Crownpoint CDP.....	2 108	11.7	40.5	13.1	30.3	13.2	2.8	.5	23.0	95.0	84.2	7.6	8.2	172	32.6
Deming city.....	10 970	7.9	31.0	7.9	22.9	18.6	19.6	4.5	34.2	82.8	84.8	14.0	1.2	136	73.5
Dona Ana CDP.....	1 202	9.1	34.7	12.0	30.0	16.6	6.7	1.3	26.5	92.2	91.5	8.5	—	—	—
Dulce CDP.....	2 438	18.7	42.5	12.3	29.5	12.8	2.9	.5	22.2	92.1	86.9	11.5	1.6	39	76.9
Edgewood CDP.....	3 324	9.5	35.2	5.0	37.0	16.8	6.0	.6	31.4	103.1	92.8	7.2	—	—	—
Elaborado at Santa Fe CDP.....	2 260	8.3	29.3	2.7	44.2	18.3	5.4	.5	36.9	90.8	86.2	13.8	—	—	—
Esplanada city.....	8 389	9.1	31.0	9.8	29.8	16.9	12.6	3.2	30.7	88.1	85.1	13.5	1.4	116	97.4
Eufrasia city.....	2 676	7.6	34.8	8.2	29.0	17.0	11.1	1.8	30.0	96.5	91.7	8.3	—	—	—
Farrington city.....	33 997	9.3	33.2	8.2	33.3	16.6	8.7	1.5	30.2	92.5	87.1	12.5	.4	128	63.3
Flora Vista CDP.....	1 021	5.6	31.3	7.4	31.0	21.8	8.4	1.1	35.0	95.3	93.2	6.8	—	—	—
Fort Sumner village.....	1 269	6.9	22.7	6.4	20.9	22.9	27.1	9.1	45.0	82.0	79.9	16.1	4.0	51	100.0
Gallup city.....	19 154	10.2	34.5	8.8	32.8	16.2	7.7	1.8	29.0	87.9	85.7	11.7	2.6	501	59.1
Grants city.....	8 626	8.9	32.4	9.0	30.9	19.4	8.3	1.5	30.4	85.7	85.9	10.7	3.4	293	93.5
Hatch village.....	1 136	9.6	33.0	10.0	24.0	18.1	14.8	4.2	29.6	81.6	86.1	13.9	—	—	—
Hobbs city.....	29 115	9.2	33.3	9.4	29.7	16.8	10.8	2.3	29.7	90.0	87.3	11.7	1.0	300	80.3
Holloman AFB CDP.....	5 891	16.3	37.4	20.9	40.5	1.1	2	—	22.6	141.2	83.6	.5	15.9	935	—
Hurley town.....	1 534	5.9	29.4	7.5	23.9	20.3	18.8	3.6	36.5	91.3	91.5	8.5	—	—	—
Isleta Pueblo CDP.....	1 777	7.5	34.5	9.3	25.7	15.7	10.2	1.7	28.8	87.1	87.1	12.6	—	—	—
Las Alamos city.....	1 777	32.7	32.7	—	—	22.6	1.7	—	32.9	95.4	95.4	5.9	—	—	—
Las Alamos Pueblo.....	1 777	32.7	32.7	—	—	22.6	1.7	—	32.9	95.4	95.4	5.9	—	—	—

TABLE FROM THE CURRENT POPULATION SURVEY, SERIES P-20, POPULATION CHARACTERISTICS, NO. 457, RESIDENTS OF FARMS AND RURAL AREAS: 1990

Table 21. Income of Farm and Nonfarm Resident Households and Families: 1990

(March 1991 Current Population Survey.¹ Numbers in thousands)

Total money income	Households			Families		
	Total	Farm	Nonfarm	Total	Farm	Nonfarm
Total.....	94,312	1,642	92,670	86,322	1,407	84,914
Under \$5,000.....	4,901	50	4,850	2,367	36	2,330
\$5,000 to 9,999.....	9,184	94	9,089	3,871	57	3,814
\$10,000 to 14,999.....	8,925	151	8,774	4,973	116	4,857
\$15,000 to 24,999.....	16,723	310	16,413	10,847	250	10,597
\$25,000 to 34,999.....	14,865	299	14,566	10,716	261	10,455
\$35,000 to 49,999.....	16,469	28	16,145	13,301	303	12,998
\$50,000 or more.....	9,661	—	13,814	9,660	—	11,851
.....	—	—	5,000	—	—	4,474

Current Population and Housing Statistics

General information. The Census Bureau conducts a variety of survey and population-estimation programs, some sponsored by other Federal agencies, such as the Bureau of Labor Statistics, the Department of the Treasury, and the Department of Housing and Urban Development.

Population surveys. The Bureau's principal demographic survey is the Current Population Survey (CPS), which collects and publishes monthly labor force and demographic data. The following report series present statistical data drawn from the CPS:

- P-20, *Population Characteristics*, □ * ■ □ + ■ offers annual reports for the Nation covering marital status and living arrangements, household and family characteristics, school enrollment, educational attainment, fertility, mobility, voting (biennial), Hispanic origin, and farm population. (The P-27, *Farm Population*, series merged with the P-20 series in 1987, and from 1987 through 1991 current population data were published in annual reports in the P-20 series entitled *Residents of Farms and Rural Areas*, until funding support was withdrawn. The last of these reports published covered 1991; the farm/rural data continued to be available in the March demographic tape file released from the CPS through 1992, but the entire farm/rural identification item was dropped from the Survey for 1993.)
- P-23, *Special Studies*, □ * ■ □ + ■ are published irregularly. They survey, for example, youth, women, and older, Black, and metropolitan/nonmetropolitan populations.
- P-25, *Population Estimates and Projections*, □ * ■ □ + excerpts ■ carry monthly estimates of the U.S. population; annual estimates of age, race, and sex; and estimates of births, deaths, and net migration for the Nation and the States, and Hispanic origin for the United States only; together with projections (on an irregular basis) by age, sex, and race (Nation and States), and Hispanic origin (national figures only).
- P-26, *Local Population Estimates*, □ * ■ □ + ■ offer annual and biennial estimates of the population, per capita income, births, deaths, and net migration for counties, metropolitan areas, and subcounty areas.
- P-28, *Special Censuses*, □ * ■ + are by contract, primarily with counties or places, and usually cover total population, age, sex, race, Hispanic origin, and number of housing units.
- P-60, *Consumer Income*, □ * ■ □ + ■ shows annual data on money income, noncash benefits, and poverty status by level of education; and age, sex, race, and type of householder. Data appear for the United States and regions.

- P-70, *Household Economic Studies*, □ * ■ □ + are quarterly and annual reports for the United States and regions on income, labor-force activity, wealth, participation in government programs, disability, child care, and pensions. Related current statistical products include:
- *Survey of Income and Program Participation Microdata File*, □ + is a tape, issued three times a year, that contains P-70 series national data with monthly longitudinal measurements; there are topical modules in rectangular files.
- *Current Population Survey Microdata File*, □ + is available monthly for the United States, States, regions, divisions, selected metropolitan areas, some central cities, and, within confidentiality restrictions, farm and nonfarm, it presents labor-force characteristics and data, including employment status, occupation, weeks worked, hours worked per week, total income and income components, and noncash income sources (e.g., food stamps, school lunch programs, employer-provided group health insurance, etc.) from periodic supplements used to produce the P-20 and P-60 tabulations. The March (also known as the Annual Demographic File (ADF)) records are also available on □ +.
- *Statistical Briefs (SB's)*, □ * are occasional, short (typically two to four pages) topical summaries of data about children, housing, pensions, computer use, etc. SB's of particular interest to agriculture data users include SB-5-90, *Spotlight on Small Farms*, and SB/91-7, *How Consumers Spend Their Money*.

Housing surveys. The Census Bureau's primary source of housing statistics between the decennial censuses is the **American Housing Survey (AHS)**. The AHS involves two data-collection operations—an annual survey covering 44 metropolitan areas (11 each year, on a rotating basis over a 4-year period), and a biennial national survey. Data are published for the United States, regions, metropolitan areas, central cities, suburbs, urbanized areas, rural areas, and places grouped by size. The statistical reports drawn from these series include the following:

- H-111, *Housing Vacancies and Home Ownership*, □ * ■ +■, shows quarterly and annual vacancy rates and characteristics of vacant units for the United States and census regions.
- H-121, *Current Housing Reports*, □ * ■ +, are specialized subject reports (e.g., H-121-93-1, "First Time Homeowners in 1989: A Comparative Perspective") that normally report data for the United States and for regions.
- H-123, *Special Reports*, □ * ■ +, periodically deals with additional housing topics, using detailed multicolored graphic analysis.
- H-150, *American Housing Survey*, □ * ■ □ +■, provides comprehensive statistics every other year for the United States and regions on the same housing data

items collected in the decennial censuses, plus neighborhood, recent movers', and numerous other characteristics (e.g., income, household composition, housing costs, equipment and fuels, size of unit and lot, mortgage characteristics, and heating- and cooling-degree days). (The series H-170, *American Housing Survey*, displays essentially the same type of information, but for 44 selected metropolitan areas, 11 per year, in a 4-year cycle.)

- H-151, *American Housing Survey Supplements*, □ * ■ □ +, offers two reports every other year for the United States and regions. The first contains supplements on subjects such as second homes, journey to work, neighborhood quality, mobility, and so on. The second shows components of inventory change, new construction, conversion, demolitions, and other types of inventory change. (The series H-171, *American Housing Survey Supplements*, provides the same types of information for 44 selected metropolitan areas, 11 per year, in a 4-year cycle.)

STATISTICAL COMPENDIA

- *Statistical Abstract of the United States [year]*, □ * ■ □ + (some ■). Standard annual summary of statistics on social, political, and economic subjects for the United States, with a few comparisons to other countries. The *Abstract* uses data from a wide variety of sources and includes a guide to sources, and information on the source (i.e., agency, publication series, etc.) of specific statistics.

- *Historical Statistics of the United States, Colonial Times to 1970*, (a *Statistical Abstract* supplement) 2 volumes, □ * (also available commercially (ISBN 0-527-91756-7)), ■ + (sold only in sets). The two parts contain more than 12,500 statistical series on subjects ranging from population and land area to production figures for crops and manufactured products. (As of this writing, the Bureau's Data User Services Division is planning to publish an updated edition in 1995 to extend the coverage through 1990.)
- *County and City Data Book* (CCDB), 1994, □ * ■ □ +. (Published every 5 years.) Presents social and economic data from recent censuses and from other Government agencies and private sources. Provides statistics for every city with a population of 25,000 inhabitants or more, as well as all counties and States, and a limited selection of population and income data for all places of 2,500 persons or more. The CCDB serves as a convenient compendium of small-area data from each of the economic censuses and includes selected 1992 Census of Agriculture data.
- *State and Metropolitan Area Data Book*, 1991 (a *Statistical Abstract* supplement), □ * ■ □ + (some ■). A variety of statistical information for States, census regions and divisions, and metropolitan areas from censuses and 60 other governmental and private agencies.

Chapter 4. Obtaining the Data

GENERAL INFORMATION

Reference Sources

The following sources provide information on the availability and cost of the Bureau's various products:

- **Publication order forms**, □ (free), are small brochures issued periodically to announce the publication of report series or other products. They usually include a form to order published reports, request subscription service, or place a standing order with the Government Printing Office (GPO) for the report series. The order form shows prices and GPO stock numbers for currently available reports when issued. Updated order forms will be issued when all prices are known. Users may need to consult other sources (such as the *Monthly Product Announcement* or the Customer Services Branch, DUSD (see the list of telephone information numbers below)). These brochures are distributed at conventions and other data user gatherings and are in display racks at the Census Bureau regional and Commerce district offices. Individual copies also are available +, or by calling the Agriculture Division Information Office at 1-800-523-3215.
- **Census and You**, □ (subscription *, single copies or free sample copy +), is a monthly newsletter on the agency's activities, products, and services that announces reports, tapes, diskettes, and CD-ROM's as they become available. Occasional descriptive articles highlight important features of publications, describe aspects of census or survey methodology, or cite applications of the data.
- **Factfinder for the Nation**, □ + (single copies free), is a series of pamphlets providing brief descriptions of Bureau of the Census statistical programs for various areas (No. 3 covers "Agricultural Statistics") and other services.
- **Census Catalog and Guide**, □ *, is an annual volume describing all Bureau publications and other products (including cumulative information; the 1992 Catalog includes information on publications from 1990 through the date of publication) issued during a particular reference period (ending January of the year of issue). The 1993 catalog provides information on all the products issued from the 1987 Economic Censuses and the 1987 Census of Agriculture; the 1994 catalog is the first with substantial information on 1992 census publications.

- **Monthly Product Announcement**, □ + (free), lists publications, data files on computer tape, CD-ROM, microfiche, and maps, with prices, ordering information, and order forms.

Most of the Bureau's published reports are sold by:

- * New Orders
Superintendent of Documents
P.O. Box 371954
Pittsburg, PA 15250-7954
202-783-3238

Public-use computer tapes, diskettes, CD-ROM products, and some published items are obtainable from:

- + Customer Services
Bureau of the Census
Washington, DC 20233-8300
301-763-4100; fax 301-763-5198

Government Printing Office (GPO) and Bureau of the Census order forms are included in the back of this guide. More information on these materials, as well as general information of Census Bureau products and programs, can be obtained by writing or telephoning Customer Services (see above).

The Census Bureau can provide special tabulations for users with particular requirements not met by either the published statistics or the public-use tapes. These tabulations are furnished at cost on computer tape, CD-ROM, diskette, or paper printouts. Requests for information and/or quotations on costs for special tabulations of agriculture census data should be addressed to:

Chief, Agriculture Division
Bureau of the Census
Washington, DC 20233-6400

and for other censuses and surveys:

Director
Bureau of the Census
Washington, DC 20233-0100

The Census Bureau routinely distributes its publications to selected Government offices, public agencies, and certain libraries. Various agencies (such as the National Technical Information Service (NTIS)) maintain reference

collections of Census Bureau products, and, in some cases, specific products can be purchased from these agencies.

Current and Past Reports

Government and Census depository libraries (about 1,500 in all; a list is available on request +) are public institutions in various parts of the country, including many colleges and universities. Most collections are open to public use and/or make materials available on interlibrary loan. Some of the holdings in various collections are on microfilm.

The Department of Commerce and the Bureau of the Census have the most extensive collections in their respective agency libraries:

U.S. Department of Commerce
Reference Room 7043
Herbert C. Hoover Building
14th St., between Constitution Ave. & "E" St., N.W.
Washington, DC 20230

Bureau of the Census Library
Reference Room 2475, Federal Bldg. 3
Suitland & Silver Hill Roads
Suitland, MD (mail address: Washington DC 20233-8322)
301-763-5042; fax 301-763-7322

Current Reports

Primary sources for information on current reports are the State data centers (SDC's) and their affiliates, and business and industry data centers (BIDC's) and their affiliates in each State, the District of Columbia, Puerto Rico, Guam, and the Virgin Islands (a list of the SDC's, BIDC's, and their affiliates, is available on request +); the Department of Commerce's district offices (in 59 cities—see local telephone directories for addresses); and the Census Bureau's regional offices (see the list at the end of this section for addresses and telephone numbers).

Public-Use Computer Tapes

The SDC's and BIDC's receive data tapes for their States from the Census Bureau. The Bureau's Data User Services Division (DUSD) maintains a list of organizations that offer tape printouts and other services to their customers—the National Clearinghouse for Census Data Services—which is available on request +.

ADDITIONAL INFORMATION AND ASSISTANCE

The Census Bureau also maintains the following resources of information and assistance about its various data programs:

- **Information services specialists** at the Bureau's 12 regional offices (see below for addresses and telephone numbers) and at the agency's headquarters in Washington, DC (Customer Services, 301-763-4100) can answer questions about publications and other products, assist users in obtaining and using Census Bureau data and in specific applications, and conduct user training workshops, make presentations to groups interested in Census Bureau programs and products, and staff displays at conferences and meetings of groups interested in census activities and data.
- **Agriculture subject-matter specialists**, located in the Agriculture Division at Census Bureau headquarters, also can be contacted concerning specific problems or requests relating to the agriculture census (1-800-523-3215 or 301-763-1113; fax 301-763-8315).
- **Telephone Contacts for Data Users** (free +) is a list of specialists within the Census Bureau for over 175 different technical subjects of interest to data users.

TELEPHONE CONTACTS

Agriculture Division

Chief, Agriculture Division

Telephone interviews, policy statements
Vacant
301-763-8555

Agriculture Statistics Program

Joseph A. Reilly
301-763-8557

Crop statistics

Donald R. Jahnke
301-763-8567

Farm economics (includes data on agricultural chemicals, corporations, direct sales, fertilizers, machinery, land use, operator characteristics, and irrigation)

James A. Liefer
301-763-8514

Livestock statistics

Linda Hutton
301-763-8569

Outlying Areas and Special Surveys

Puerto Rico and outlying areas (including Guam and the Virgin Islands)

Kent C. Hoover
301-763-8564

Special surveys and tabulations (includes farm and ranch irrigation survey)

John A. Blackledge
301-763-8559

Data User Program

George A. Pierce
301-763-8556

*Electronic data dissemination (computer
tapes, diskettes, CD-ROM, and online)*

Douglas J. Miller
301-763-8561

Publication requests

Agriculture Information Office
301-763-1113 or
1-800-523-3215

Public affairs and data user meetings

Douglas J. Miller
301-763-8561

Farm population

Population Information Staff
301-763-5002

Census Regional Offices

Atlanta, GA 30303-2700
Suite 3200
101 Marietta St., N.W.
404-730-3833

Boston, MA 02117-9108
P.O. Box 9108
Suite 301
2 Copley Place
617-424-0510

Charlotte, NC 28217-2935
Suite 106
901 Center Park Dr.
704-344-6144

Chicago, IL 60604-2689
Suite 557
175 West Jackson Blvd.
312-353-0980

Dallas, TX 75235-5269
Suite 210
6303 Harry Hines Blvd.
214-767-7105

Denver, CO 80227-9020
P.O. Box 272020
6900 W. Jefferson Ave.
303-969-7750

Detroit, MI 48232-5405
1395 Brewery Park Blvd.
313-259-1875

Kansas City, KS 66101-2410
Suite 600
Gateway Tower II
400 State Ave.
913-236-3711

Los Angeles, CA 91406-4224
Suite 300
15350 Sherman Way
Van Nuys
818-904-6393

New York, NY 10278-0044
Room 37-130
Jacob J. Javits Federal Office Building
26 Federal Plaza
212-264-4730

Philadelphia, PA 19106-3395
1st Floor
105 South 7th St.
215-597-8313

Seattle, WA 98101-1098
Suite 500
101 Stewart St.
206-728-5314

Appendix A.

1992 Census of Agriculture, Volume 1, *Geographic Area Series*, List of Data Tables

State Tables

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- Table 2. Market Value of Agricultural Products Sold and Direct Sales: 1992, 1987, and 1982
- Table 3. Farm Production Expenses: 1992, 1987, and 1982
- Table 4. Net Cash Return From Agricultural Sales: 1992 and 1987
- Table 5. Government Payments and Other Farm-Related Income: 1992 and 1987
- Table 6. Commodity Credit Corporation Loans: 1992 and 1987
- Table 7. Land Use and Acres Diverted: 1992, 1987, and 1982
- Table 8. Land in Farms, Harvested Cropland, and Irrigated Land, by Size of Farm: 1992 and 1987
- Table 9. Irrigation: 1992, 1987, and 1982
- Table 10. Selected Characteristics of Irrigated and Nonirrigated Farms: 1992 and 1987
- Table 11. Value of Land and Buildings: 1992, 1987, and 1982
- Table 12. Value of Machinery and Equipment on Place: 1992 and 1987
- Table 13. Selected Machinery and Equipment on Place: 1992 and 1987
- Table 14. Petroleum Products Expenses: 1992, 1987, and 1982
- Table 15. Agricultural Chemicals Used, Including Fertilizer: 1992, 1987, and 1982
- Table 16. Tenure and Characteristics of Operator and Type of Organization for All Farms and Farms Operated by Black and Other Races: 1992, 1987, and 1982
- Table 17. Selected Characteristics of Farms by Specified Racial Groups, Sex of Operators, and Persons of Spanish Origin: 1992 and 1987
- Table 18. Selected Characteristics of Farms by Standard Industrial Classification: 1992
- Table 19. Selected Characteristics of Abnormal Farms: 1992 and 1987
- Table 20. Poultry—Inventory and Sales: 1992 and 1987
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- Table 24. Cattle and Calves—Inventory: 1992 and 1987
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- Table 30. Cattle and Calves—Number Sold Per Farm by Sales: 1992
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Facsimile of Representative 1992 Census of Agriculture Data Report Form

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